



No. 44

1 NOVEMBER 2003



UNITED STATES OF AMERICA

# NOTICE TO MARINERS



Published Weekly by the  
National Imagery and Mapping Agency

Prepared Jointly with the  
National Ocean Service and U.S. Coast Guard

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**Visit the Maritime Safety Information Division website at**  
**<http://pollux.nss.nima.mil/>**



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## IMPORTANT INFORMATION

The Notice to Mariners is published by the National Imagery and Mapping Agency (NIMA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NIMA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other products produced by the National Imagery and Mapping Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Imagery and Mapping Agency (NIMA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Homeland Security), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NIMA hydrographic products and services, including the Maritime Safety Information Website, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-5006	287-5006	301-227-5745
World-Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed directly at (<http://pollux.nss.nima.mil>). For your convenience NIMA provides three e-mail addresses. For information affecting Notice to Mariners use NavNotices@nima.mil, for information affecting Sailing Directions and all other navigational publications use SDPUBS@nima.mil, for information concerning the Maritime Safety Information Website, use webmaster\_nss@nima.mil.

Mariners are requested to notify NIMA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated.

**Cover Photo:** The **USNS GUADALUPE (T-AO 200)** is one of the Military Sealift Command's fourteen underway replenishment oilers and part of the 36 ships in the Naval Fleet Auxiliary Force (NFAF). NFAF ships are the lifeline to U.S. Navy ships at sea. By providing food, fuel, ammunition, spare parts and other supplies these ships enable our naval combatants to operate worldwide at the highest operational level possible. For years, the **GUADALUPE** has played a vital role in the re-supply of the Navy's Seventh Fleet ships operating in the Pacific. The **GUADALUPE** is 677 feet in length, has a beam of 97 feet, a draft of 35 feet and is crewed by civil service mariners. *Photo of USNS GUADALUPE courtesy of Military Sealift Command, Public Affairs Office.*

INFORMATION  
OF  
SPECIAL INTEREST  
OR  
IMPORTANCE  
TO  
MARINERS

NM 44/03

# HYDROGRAM

National Imagery and Mapping Agency  
Bethesda, MD 20816-5003

SPECIAL  
ANNOUNCEMENTS  
\_\_\_\_\_

NEW PRODUCTS  
OR SERVICES  
\_\_\_\_\_

IMPORTANT  
CHANGES

1 November 2003

## NOAA PRINT-ON-DEMAND NAUTICAL CHARTS AVAILABLE AT REMOTE PRINT SITES

MARINERS HAVE AT THEIR DISPOSAL A NEW MEANS TO OBTAIN UP-TO-DATE CHARTS.  
SEE SECTION III.

## EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

**Section I-1** contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

- ★ indicates that it is based upon original U.S. source information.
  - T indicates that it is temporary in nature.
  - P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.
- The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter M is not a part of the chart number.
- The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.
- Courses and bearings are given in degrees true.
- Light sectors are expressed in degrees true from the vessel TOWARD the light.
- The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.
- The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.
- Section I-2\*** contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.
- Section I-3** lists all NIMA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

**Section II-1** is a weekly listing of corrections to the NIMA Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

**Section II-2\*** contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

**Section II-3\*** lists weekly updates to the USCG Light Lists.

**Section II-4\*** lists weekly updates to the NIMA List of Lights.

**Section II-5** lists all NIMA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

**Section III-1** lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

**Section III-2** contains miscellaneous information of particular interest to the maritime community.

\*The left-hand pages of these sections are intentionally blank.

**SECTION I  
CHART CORRECTIONS**

**NM 44/03**

<b>401</b> (INT 401) 5Ed. 6/15/91 LAST NM 34/03 Relocate Superbuoy ODAS "42019" from 27°55'N 95°13'W to (NTM0002/2003)	44/03 27°55'N 95°22'W	<b>★11377</b> 5Ed. 6/03 LAST NM 38/03 Add Tabulation of controlling depths from Subsection I-2 (NOS)	44/03
<b>411</b> 49Ed. 3/03 LAST NM 33/03 Relocate Superbuoy ODAS "42019" from 27°55'N 95°13'W to (NTM0002/2003)	44/03 27°55'N 95°22'W	<b>★12248</b> 40Ed. 9/03 NEW EDITION (NOS)	44/03
<b>502</b> (INT 802) 2Ed. 7/23/83 LAST NM 40/03 Add Wreck [K29] Wreck [K29] (NTM0006/2003)	44/03 31°16'N 119°31'W 31°27'N 119°43'W	<b>12263</b> 52Ed. 6/03 LAST NM 42/03 Add Obstruction "(Fish haven) (auth min 15ft)" bound by dotted line joining 38°28'06"N 76°21'42"W 38°28'08"N 76°21'33"W 38°27'37"N 76°21'10"W 38°27'33"N 76°21'20"W and delete depth within above area (NOS)	44/03
<b>530</b> 30Ed. 3/23/02 LAST NM 41/03 Add Wreck [K29] Wreck [K29] (NTM0006/2003)	44/03 31°16'N 119°31'W 31°27'N 119°43'W	<b>★12264</b> 28Ed. 7/02 LAST NM 42/03 Add Obstruction "(Fish haven) (auth min 15ft)" bound by dotted line joining 38°28'06"N 76°21'42"W 38°28'08"N 76°21'33"W 38°27'37"N 76°21'10"W 38°27'33"N 76°21'20"W and delete depths within above area (NOS)	44/03
<b>703</b> (INT 703) 4Ed. 6/1/96 LAST NM 7/03 Add Depth 1737 meters (NTM0030/2003)	44/03 7°58'N 74°35'E	<b>12280</b> 3Ed. 7/02 LAST NM 38/03 Add Danger circle [K46.2] "(Fish haven) (auth min 15ft)" (NOS)	44/03 38°27.8'N 76°21.5'W
<b>706</b> (INT 706) 4Ed. 4/19/86 LAST NM 44/01 Add Depth 1737 meters enclosed by depth contour (2000-meter) (NTM0030/2003)	44/03 7°58'N 74°35'E	<b>★12281</b> 49Ed. 5/13/00 LAST NM 38/03 Change Legend to "38½ FT MAR 1999-SEP 2001" Legend to "41½ FT SEP 2001" (NOS)	44/03 39°14'29.7"N 76°32'10.4"W 39°14'22.8"N 76°32'39.0"W
<b>707</b> (INT 707) 2Ed. 11/11/95 LAST NM 34/03 Add Depth 1737 meters enclosed by depth contour (2000-meter) (NTM0030/2003)	44/03 7°58'N 74°35'E	<b>12300</b> 43Ed. 3/03 LAST NM 39/03 Add Depth 5¾ fathoms Wk [K26] Depth 8¼ fathoms Wk [K26] Depth 5 fathoms Wk [K26] (NOS)	44/03 39°23.8'N 74°18.1'W 39°14.5'N 74°24.4'W 39°18.3'N 74°22.2'W
<b>1117A</b> Ed. 4/03 LAST NM 36/03 Relocate Superbuoy ODAS "42019" from 27°55.1'N 95°12.7'W to (NTM0002/2003)	44/03 27°54.8'N 95°21.6'W	<b>12301</b> 21Ed. 9/15/01 LAST NM N39/03 Add Depth 5 fathoms 4 feet Wk [K26] Depth 8 fathoms 1 foot Wk [K26] Depth 5 fathoms Wk [K26] (NOS)	N44/03 39°23.8'N 74°18.1'W 39°14.5'N 74°24.4'W 39°18.3'N 74°22.2'W
<b>11004</b> 7Ed. 10/29/94 LAST NM 38/03 Relocate Superbuoy ODAS "42019" from 27°55.1'N 95°12.7'W to (NTM0002/2003)	44/03 27°54.8'N 95°21.6'W	<b>★12318</b> 41Ed. 12/02 LAST NM 32/03 Add Depth 35 feet Wk [K26] Depth 50 feet Wk [K26] Depth 31 feet Wk [K26] (NOS)	44/03 39°23'49"N 74°18'04"W 39°14'32"N 74°24'22"W 39°18'16"N 74°22'11"W
<b>★11300</b> 39Ed. 4/03 LAST NM 36/03 Relocate Superbuoy ODAS "42019" from 27°55.1'N 95°12.7'W to (NTM0002/2003)	44/03 27°54.8'N 95°21.6'W	<b>★12333</b> 33Ed. 9/03 NEW EDITION (NOS)	44/03
<b>11318</b> 1Ed. 10/2/99 LAST NM N25/03 Add Chartlet in right margin of chart providing continuation of Corpus Christi Channel, from Subsection I-2 Note: Chartlet may extend beyond right edge of sheet  Note block from Subsection I-2 27°45'00"N 97°24'00"W (NIMA; US CH 11305)	N44/03	<b>13003</b> 47Ed. 6/03 LAST NM 39/03 Delete Buoy "A" Buoy "L" Buoy "F" (33/03 CG1)	44/03 41°08.8'N 67°17.7'W 41°06.6'N 67°16.5'W 41°04.4'N 67°15.0'W
<b>11372</b> 30Ed. 11/02 LAST NM 42/03 <b>(Side B)</b> Add Tabulation of controlling depths from Subsection I-2 (NOS)	44/03	<b>13006</b> 31Ed. 6/03 LAST NM 39/03 Delete Buoy "A" Buoy "L" Buoy "F" (33/03 CG1)	44/03 41°08.8'N 67°17.7'W 41°06.7'N 67°16.0'W 41°04.3'N 67°14.9'W
<b>★11373</b> 42Ed. 6/02 LAST NM 42/03 Add Tabulation of controlling depths from Subsection I-2 (NOS)	44/03	<b>13009</b> 30Ed. 8/02 LAST NM 39/03 Delete Buoy "A" Buoy "L" Buoy "F" (33/03 CG1)	44/03 41°08.7'N 67°17.6'W 41°06.6'N 67°16.2'W 41°04.4'N 67°15.0'W
<b>★11376</b> 48Ed. 12/1/01 LAST NM 38/03 Add Tabulation of controlling depths from Subsection I-2 (NOS)	44/03		

## SECTION I

<b>13200</b>	33Ed. 1/19/02 LAST NM 39/03 Delete Buoy "A" Buoy "L" Buoy "F" (33/03 CG1)	44/03 41°08.6'N 67°17.6'W 41°06.5'N 67°16.2'W 41°04.3'N 67°14.8'W	(Can LL)	Light to Iso R 4s 60ft 14M 47°38'54.0"N 65°37'24.0"W
<b>13201</b>	10Ed. 8/10/96 LAST NM N39/03 Delete Buoy "A" Buoy "L" Buoy "F" (33/03 CG1)	N44/03 41°08.7'N 67°17.7'W 41°06.6'N 67°16.2'W 41°04.3'N 67°14.9'W		44/03 Range lights (2), range line and legend "Lts in line 211°06'" 47°03'00.0"N 64°58'24.0"W
<b>★13204</b>	12Ed. 8/14/99 LAST NM 13/02 Delete Buoy "A" Buoy "L" Buoy "F" (33/03 CG1)	44/03 41°08.7'N 67°17.6'W 41°06.6'N 67°16.3'W 41°04.4'N 67°14.9'W		44/03 Height of light to 13m 47°08'30.0"N 70°41'12.0"W Height of light to 27m 47°08'42.0"N 70°41'00.0"W
<b>13288</b>	40Ed. 2/2/02 LAST NM 42/03 Change Buoy to "2" R, Fl R 4s (33/03 CG1)	44/03 43°42'23"N 70°07'52"W		
<b>13290</b>	35Ed. 8/03 LAST NM 42/03 Change Buoy to "2" R, Fl R 4s (33/03 CG1)	44/03 43°42'24"N 70°07'52"W		44/03 56°12.5'N 158°08.9'W
<b>★13292</b>	36Ed. 3/16/02 LAST NM 42/03 Change Buoy to "2" R, Fl R 4s (33/03 CG1)	44/03 43°42'23.0"N 70°07'52.0"W		44/03 56°13.9'N 158°08.2'W 56°12.5'N 158°09.1'W 56°11.0'N 158°10.2'W
<b>13305</b>	28Ed. 5/5/01 LAST NM 36/03 Delete Anchorage area "A" centered  Change Legend to "GENERAL ANCHORAGES 110.132"  Add Anchorage area "A" bound by purple solid line joining (NOS)	44/03 44°05'48"N 69°05'16"W  44°10'30"N 69°08'25"W  44°05'48"N 69°05'49"W 44°06'00"N 69°04'58"W 44°05'45"N 69°04'22"W 44°05'26"N 69°05'41"W  (NOS)		44/03 56°12.5'N 158°08.9'W  56°13.9'N 158°08.2'W 56°12.5'N 158°09.1'W 56°11.0'N 158°10.2'W
<b>★13307</b>	10Ed. 10/27/01 LAST NM 28/03 Delete Anchorage area and legend "ANCHORAGE...note A)" in vicinity  Change Legend to "SPECIAL ANCHORAGE C 110.132 (see note A)" Legend to "ANCHORAGE B 110.132 (see note A)"  Add "ANCHORAGE A 110.132 (see note A)" area bound by purple solid line joining (NOS)	44/03 44°05'46"N 69°05'19"W  44°06'02"N 69°05'54"W 44°06'38"N 69°05'14"W  44°05'47.6"N 69°05'49.3"W 44°05'59.5"N 69°04'58.4"W 44°05'44.9"N 69°04'22.4"W 44°05'26.4"N 69°05'41.4"W  (NOS)		44/03 56°10'52"N 158°18'45"W 56°11'15"N 158°17'36"W 56°12'00"N 158°15'18"W 56°11'33"N 158°17'38"W 56°11'25"N 158°17'43"W 56°10'52"N 158°18'43"W 56°09'39"N 158°18'43"W 56°09'22"N 158°19'30"W 56°08'16"N 158°19'45"W  56°10'01"N 158°15'04"W  56°11'15"N 158°17'36"W 56°11'25"N 158°17'43"W 56°10'52"N 158°18'43"W 56°11'57"N 158°15'13"W 56°11'33"N 158°10'35"W 56°11'24"N 158°10'45"W 56°11'12"N 158°11'26"W 56°10'59"N 158°10'09"W 56°10'49"N 158°20'18"W 56°11'35"N 158°17'35"W 56°10'28"N 158°14'23"W 56°09'22"N 158°19'22"W 56°08'12"N 158°19'51"W  56°09'39"N 158°18'43"W  (NOS)
<b>14110</b>	42Ed. 12/31/94 LAST NM 32/03 Change Light to Fl 4s, Oc Y 5s Light to Fl 4s, Oc Y 5s (Can LL)	44/03 45°32'36"N 61°19'18"W 45°32'30"N 61°19'06"W		44/03 56°11'15"N 158°17'36"W 56°11'22"N 158°17'43"W 56°09'39"N 158°18'43"W
<b>14111</b>	7Ed. 2/18/95 LAST NM 42/03 Change Light to Fl 4s 43ft, Oc Y 5s 40ft Light to Fl 4s 84ft, Oc Y 5s 82ft (Can LL)	44/03 45°32'36.0"N 61°19'18.0"W 45°32'30.0"N 61°19'06.0"W		44/03 56°12'58"N 158°20'08"W 56°11'57"N 158°15'13"W 56°09'22"N 158°19'22"W 56°08'12"N 158°19'51"W  56°10'52"N 158°18'43"W 56°11'35"N 158°17'35"W 56°15'00"N 158°15'24"W 56°10'01"N 158°15'04"W  56°13'53"N 158°08'10"W 56°11'15"N 158°17'36"W 56°12'28"N 158°09'03"W 56°16'48"N 158°11'57"W 56°16'56"N 158°12'00"W
<b>14112</b>	5Ed. 2/11/95 LAST NM 42/03 Change Light to Fl 4s 43ft, Oc Y 5s 40ft Light to Fl 4s 84ft, Oc Y 5s 82ft (Can LL)	44/03 45°32'36"N 61°19'18"W 45°32'30"N 61°19'06"W		
<b>14184</b>	Ed. 2/19/99 LAST NM N32/03 Change Light to QR 25ft 8M	N44/03 47°39'06.0"N 65°37'24.0"W		(continued on next page)

## SECTION I

**NM 44/03**

<b>16566</b>	(Continued)			
	Depth 2 fathoms Rk [K14.2]	56°15'41"N 158°13'58"W		31°27.0'N 119°42.6'W
	Depth 1 fathom Rk [K14.2]	56°11'25"N 158°17'43"W		
	Depth 3 1/4 fathoms Rk [K14.2]	56°09'39"N 158°18'43"W		
	Depth 5 1/4 fathoms	56°14'38"N 158°07'33"W		
	Depth 7 fathoms	56°14'21"N 158°06'26"W		44/03
	Depth 6 1/2 fathoms	56°14'43"N 158°07'08"W		34°26'58"S 58°30'24"W
	Depth 9 3/4 fathoms	56°14'43"N 158°06'43"W		
	Depth 7 3/4 fathoms	56°11'33"N 158°10'35"W		34°26'59"S 58°30'16"W
	Depth 7 1/4 fathoms	56°11'24"N 158°10'45"W		
	Depth 8 1/2 fathoms	56°11'12"N 158°11'26"W		34°26'53"S 58°30'30"W
	Depth 9 3/4 fathoms	56°10'59"N 158°10'09"W		
	Depth 7 1/4 fathoms	56°14'19"N 158°23'38"W		
	Depth 7 1/2 fathoms	56°12'46"N 158°17'43"W		
	Depth 3 1/4 fathom	56°10'49"N 158°20'18"W		
	Depth 9 1/4 fathoms	56°18'01"N 158°13'09"W		
	Depth 8 fathoms	56°15'10"N 158°15'12"W		
	Depth 5 fathoms	56°12'32"N 158°14'02"W		
	Depth 6 1/4 fathoms	56°14'25"N 158°10'16"W		
	Depth 2 1/4 fathoms	56°10'28"N 158°14'23"W		
	(NOS)			
<b>17400</b>	16Ed. 6/2/01 LAST NM 12/03		44/03	
	Delete Buoy (mooring)	54°48.5'N 132°46.4'W		
	(9/03 CG17)			
<b>★17409</b>	10Ed. 7/02 LAST NM 39/02		44/03	
	Delete Buoy (mooring)	54°48'33"N 132°46'26"W		
	(9/03 CG17)			
<b>17413</b>	2Ed. 6/17/95 LAST NM 10/03		44/03	
	Delete Buoy (mooring)	54°48.5'N 132°46.4'W		
	(9/03 CG17)			
<b>★18000</b>	8Ed. 8/21/93 LAST NM 36/03		44/03	
	Add Wreck [K29]	31°16.2'N 119°31.4'W		
	Wreck [K29]	31°27.0'N 119°42.6'W		
	(NTM0006/2003)			
<b>18002</b>	6Ed. 5/13/95 LAST NM N36/03		N44/03	
	Add Wreck [K29]	31°16.2'N 119°31.4'W		
	Wreck [K29]	31°27.0'N 119°42.6'W		
	(NTM0006/2003)			
<b>18020</b>	36Ed. 1/27/01 LAST NM 43/03		44/03	
	Add Wreck [K29]	31°16.2'N 119°31.4'W		
	Wreck [K29]	31°27.0'N 119°42.6'W		
	(NTM0006/2003)			
<b>18449</b>	17Ed. 1/20/01 LAST NM 34/03		44/03	
	Add Tabulation of controlling depths from			
	Subsection I-2			
	(NOS)			
<b>★18450</b>	17Ed. 12/02 LAST NM 9/03		44/03	
	Add Tabulation of controlling depths from			
	Subsection I-2			
	(NOS)			
<b>★18589</b>	15Ed. 8/14/99 LAST NM 26/01		44/03	
	Add Buoy (mooring) [Q40] "CG"	42°44'00"N 124°30'00"W		
	(33/03 CG13)			
<b>18600</b>	14Ed. 1/26/02 LAST NM 40/02		44/03	
	Add Buoy (mooring) [Q40] "CG"	42°44.0'N 124°30.0'W		
	(33/03 CG13)			
<b>★18662</b>	20Ed. 12/11/99 LAST NM 43/03		44/03	
	(Side A)			
	Add Position circle "Pipe" [L23]	38°30'13.3"N 121°35'01.6"W		
	Position circle "Pipe" [L23]	38°28'36.8"N 121°35'01.5"W		
	(NOS)			
	(Side B)			
	Add Position circle "Pipe" [L23]	38°30'13.3"N 121°35'01.6"W		
	Position circle "Pipe" [L23]	38°28'36.8"N 121°35'01.5"W		
<b>18760</b>	6Ed. 9/5/98 LAST NM N36/03		N44/03	
	Add Wreck [K29]	31°16.2'N 119°31.4'W		

## SECTION I

<b>43080</b>	(Continued)			
	Depth 17 meters for 17.8 meters	70°45.3'N 22°51.5'E		
Add	Depth 13.5 meters (17(761)03 Stavanger)	70°45.7'N 22°49.3'E	Change	Sectors at light to red 063°30'-067°, white-073°, green-219°, white-227°30', red-235°30' 58°28'12.2"N 8°49'23.6"E
<b>43106</b>	6Ed. 3/23/96 LAST NM 44/02	44/03	Add	Submarine cable [L30.1] joining 58°27'53.0"N 8°49'03.0"E 58°28'00.0"N 8°48'54.0"E 58°28'02.0"N 8°48'40.0"E 58°28'01.0"E 8°48'30.0"E 58°27'56.0"N 8°48'01.0"E 58°27'45.0"N 8°47'29.0"E 58°27'39.0"N 8°46'54.0"E 58°27'32.0"N 8°46'40.0"E 58°27'23.0"N 8°46'34.0"E 58°27'20.0"N 8°46'31.0"E 58°27'20.0"N 8°46'24.0"E 58°27'24.0"N 8°46'15.0"E 58°27'30.2"N 8°46'13.1"E
Add	"Anchorage Area" bound by purple dashed line joining 69°40'37"N 19°00'01"E 69°40'29"N 19°00'23"E 69°40'21"N 18°59'54"E 69°40'28"N 18°59'35"E			
	"Anchorage Area" bound by purple dashed line joining 69°44'02"N 19°00'23"E 69°43'52"N 19°01'11"E 69°43'39"N 19°00'30"E 69°43'46"N 18°59'56"E			
	(14(648)03 Stavanger)			
<b>43125</b>	7Ed. 3/16/96 LAST NM 35/99 <b>(Plan A)</b>	44/03		
Add	"Anchorage Area" bound by purple dashed line joining 69°40'37.0"N 19°00'01.0"E 69°40'29.0"N 19°00'23.0"E 69°40'21.0"N 18°59'54.0"E 69°40'28.0"N 18°59'35.0"E		Submarine cable [L30.1] joining 58°28'22.2"N 8°49'55.0"E 58°28'16.0"N 8°49'26.0"E 58°28'05.0"N 8°48'57.0"E 58°28'00.0"N 8°48'56.0"E 58°27'53.0"N 8°49'03.0"E	
	(14(648)03 Stavanger)		Submarine cable [L30.1] joining 58°26'41.0"N 8°46'42.0"E 58°26'42.0"N 8°46'48.0"E 58°26'40.0"N 8°46'52.0"E 58°26'28.0"N 8°47'05.0"E 58°26'27.0"N 8°47'12.0"E	
<b>43146</b>	2Ed. 4/23/83 LAST NM 35/03	44/03		Submarine pipeline [L40.1] joining 58°27'21.4"N 8°45'26.3"E 58°27'21.5"N 8°45'30.0"E 58°27'22.8"N 8°45'35.2"E 58°27'25.7"N 8°45'41.8"E 58°27'31.4"N 8°45'47.7"E
Add	Beacon R, can topmark Beacon G, cone topmark (17(759)03 Stavanger)	68°09'25"N 14°14'11"E 68°09'33"N 14°14'59"E		
<b>43167</b>	5Ed. 11/2/96 LAST NM 42/03	44/03		Submarine cable [L30.1] between 58°28'12.8"N 8°49'25.5"E 58°28'19.6"N 8°49'12.5"E
Add	Danger circle "Obstn (Marine farm)" Danger circle "Obstn (Marine farm)" (14(645)03 Stavanger)	67°20'35"N 14°29'25"E 67°20'24"N 14°29'58"E		Solid line (breakwater) [F4.1] joining 58°27'26.2"N 8°45'56.5"E 58°27'24.1"N 8°45'58.0"E 58°27'24.7"N 8°45'02.9"E 58°27'25.4"N 8°45'02.3"E
<b>43180</b>	5Ed. 7/5/97 LAST NM 9/03	44/03		Submarine cable [L30.1] joining 58°27'44.8"N 8°46'47.0"E 58°27'45.0"N 8°46'56.4"E 58°27'41.0"N 8°47'37.3"E 58°27'25.2"N 8°47'40.7"E
Substitute	Depth 19 meters for 22 meters	66°31.3'N 12°34.6'E		(4(165), 9(397), 24(1063)99, 12(517)00, 8(312), 13(542)02, 11(524), 12(567)03 Stavanger; Nor CH 453)
Add	Depth 1.6 meters Depth 14 meters (17(756)03 Stavanger)	66°31.7'N 12°32.7'E 66°32.1'N 12°30.7'E		
<b>43247</b>	5Ed. 7/13/96 LAST NM 13/99	44/03		
Add	Beacon W (14(644)03 Stavanger)	63°54'16"N 8°45'59"E	<b>43366</b>	4Ed. 11/9/96 LAST NM 27/99 44/03
<b>43248</b>	3Ed. 9/15/84 LAST NM 9/03	44/03	Add	Submarine cable [L30.1] joining 58°40'56"N 9°13'57"E 58°40'35"N 9°13'39"E 58°40'21"N 9°13'45"E 58°39'59"N 9°13'22"E 58°39'57"N 9°12'28"E 58°39'41"N 9°11'34"E 58°39'42"N 9°11'11"E 58°39'22"N 9°10'05"E 58°39'20"N 9°09'45"E 58°38'28"N 9°07'31"E 58°38'30"N 9°07'19"E 58°38'34"N 9°07'10"E 58°38'23"N 9°07'21"E 58°37'15"N 9°04'14"E 58°37'05"N 9°04'11"E 58°36'26"N 9°02'43"E 58°36'07"N 9°02'28"E 58°35'38"N 9°00'19"E
Add	Buoy BRB, spar (14(643)03 Stavanger)	63°06'17"N 7°47'52"E		
<b>43252</b>	1Ed. 10/4/86 LAST NM 37/98	44/03		
Add	Buoy BRB, spar (14(643)03 Stavanger)	63°06'17"N 7°47'52"E		
<b>43263</b>	7Ed. 4/11/98 LAST NM 37/03	44/03		
Change	Buoy to G, pillar, QG (14(642)03 Stavanger)	62°28'11"N 6°03'55"E		
<b>43281</b>	6Ed. 2/7/98 LAST NM 37/03	44/03		Submarine cable [L30.1] joining 58°34'30"N 8°59'49"E 58°34'31"N 8°59'38"E 58°35'01"N 8°59'08"E 58°35'30"N 8°58'08"E 58°35'47"N 8°58'13"E 58°36'09"N 8°57'59"E 58°36'11"N 8°57'47"E 58°36'08"N 8°57'36"E 58°36'18"N 8°57'11"E 58°36'30"N 8°57'02"E 58°36'28"N 8°56'39"E 58°36'37"N 8°56'29"E 58°37'02"N 8°56'21"E 58°37'15"N 8°56'29"E
Change	Buoy to G, pillar, QG (14(642)03 Stavanger)	62°28'11"N 6°03'55"E		
<b>43285</b>	5Ed. 9/11/93 LAST NM 44/02	44/03		
Change	Vertical clearance of overhead cable to "7m" (14(641)03 Stavanger)	61°35'56"N 4°53'21"E		
<b>43362</b>	5Ed. 9/12/92 LAST NM 45/98	44/03		
Delete	Overhead cable in vicinity Overhead cable in vicinity Depth 2.7 meters Rk	58°28'36.0"N 8°49'30.0"E 58°28'38.5"N 8°49'12.7"E 58°27'25.5"N 8°45'57.5"E		

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**NM 44/03**

<b>43366</b>	(Continued)				
	Submarine cable [L30.1] joining	58°30'58"N 8°55'36"E 58°30'38"N 8°55'32"E 58°29'57"N 8°53'20"E 58°29'31"N 8°52'18"E 58°29'28"N 8°51'57"E 58°29'28"N 8°51'46"E 58°29'23"N 8°51'44"E 58°28'55"N 8°50'53"E 58°28'47"N 8°50'54"E 58°28'05"N 8°48'57"E 58°28'00"N 8°48'56"E 58°27'53"N 8°49'03"E			
	(11(524), 12(566)03 Stavanger)				
<b>43375</b>	7Ed. 8/22/92 LAST NM 42/03				
Delete	Submarine cable between	58°17'55"N 11°19'33"E 58°17'36"N 11°18'45"E	44/03		
	(49(893)01 Norrkoping)				
<b>43384</b>	1Ed. 9/14/91 LAST NM 32/03				
Delete	Submarine cable between	58°17'55"N 11°19'33"E 58°17'36"N 11°18'45"E	44/03		
	(49(893)01 Norrkoping)				
<b>44000</b>	16Ed. 11/15/97 LAST NM 39/01				
Add	Depth 14.6 meters enclosed by depth contour (20-meter)	56°30'N 18°32'E	44/03		
	(50(909)01 Norrkoping)				
<b>44015</b>	8Ed. 7/22/95 LAST NM 40/03				
Add	Depth 14.6 meters, blue tint and enclosing depth contour (20-meter)	56°30.4'N 18°32.2'E	44/03		
	Depth 18 meters, blue tint and enclosing depth contour (20-meter)	56°28.7'N 18°32.6'E			
	(50(909)01 Norrkoping)				
<b>44040</b>	23Ed. 7/20/96 LAST NM 32/03				
Relocate	Buoy from 56°57.5'N 11°58.7'E to	56°57.5'N 11°58.9'E	44/03		
	(49(888)01 Norrkoping)				
<b>44044</b>	6Ed. 11/9/96 LAST NM 16/03				
Relocate	Buoy from 56°57.5'N 11°58.7'E to	56°57.5'N 11°58.9'E	44/03		
	(49(888)01 Norrkoping)				
<b>44045</b>	6Ed. 6/8/96 LAST NM 22/03				
Delete	Submarine cable between	56°38.1'N 12°42.2'E 56°38.8'N 12°43.2'E	44/03		
	(49(891)01 Norrkoping)				
<b>44140</b>	8Ed. 7/20/96 LAST NM 40/03				
Add	Depth 14.6 meters enclosed by depth contour (20-meter)	56°30.4'N 18°32.2'E	44/03		
	Depth 18 meters enclosed by depth contour (20-meter)	56°28.7'N 18°32.6'E			
	Depth 18 meters enclosed by depth contour (20-meter)	56°31.4'N 18°34.6'E			
	Depth 18 meters enclosed by depth contour (20-meter)	56°29.5'N 18°34.5'E			
	(50(909)01 Norrkoping)				
<b>44187</b>	2Ed. 2/3/96 LAST NM 39/03				
Delete	Buoy	59°42'41"N 19°02'47"E	44/03		
	Buoy	59°42'44"N 19°02'45"E			
	Buoy	59°42'35"N 19°02'49"E			
	(31(409)02 Norrkoping)				
<b>44192</b>	1Ed. 12/18/93 LAST NM 43/03				
Add	Buoy R, spar	59°15'13"N 17°35'06"E	44/03		
	Purple composite line with legend "PROHIB AREA Marked by buoys" joining	59°19'46"N 17°48'03"E 59°19'43"N 17°48'02"E 59°19'41"N 17°48'17"E			
	(49(890), 50(903)01 Norrkoping)				
<b>44280</b>	9Ed. 7/13/96 LAST NM 34/03				
Substitute	Range beacon, front for light and delete sector limits (Swd CH 412; Swd LL)	65°38.8'N 23°04.3'E	44/03		
<b>44284</b>	2Ed. 6/29/91 LAST NM 42/03				
Delete	Light	65°02'28"N 24°34'04"E	44/03		
Change	Range light, front to QY 6m 9M	65°02'27"N 24°33'45"E			
	Range light, rear to Iso Y 4s 15m 10M	65°02'27"N 24°33'54"E			
	Range light, rear to L Fl 6s 8m 6M Ra Ref	65°06'44"N 24°49'58"E			
	Range light, rear to Fl 3s 14m 6M	65°07'51"N 25°07'12"E			
	(BA LL)				
<b>44285</b>	1Ed. 4/14/90 LAST NM 40/03				
Delete	Light	65°40'58"N 23°04'00"E	44/03		
Substitute	Range beacon, front for light and delete sector limits (Swd CH 412; Swd LL)	65°38'48"N 23°04'18"E			
<b>44321</b>	6Ed. 9/3/94 LAST NM 8/03				
Delete	Light	59°48'23"N 23°00'56"E	44/03		
Change	Legend to "Lts in line 312..."	59°47'45"N 22°53'50"E			
	Range light, front to QY 8m 11M	59°46'42"N 22°55'07"E			
	Characteristic of range light, rear to Iso 4s	59°48'13"N 22°52'58"E			
Add	Visibility (range) 11M to range light, rear	59°46'27"N 22°55'58"E			
<b>44321</b>	(Plan)				
Change	Height of range beacon, front to 5m	59°46'56.0"N 22°53'48.0"E			
	Light on range beacon, rear to				
	L Fl 6s 17m 12M	59°46'57.5"N 22°53'23.0"E			
	Light to Fl WRG 3s 11m 4M	59°46'56.5"N 22°54'38.0"E			
	Note: Sectors remain unchanged				
	Range light, front to Fl WRG 3s 8m 10M	59°47'57.0"N 22°53'33.0"E			
	(See 32/02-44321)				
<b>44360</b>	9Ed. 10/12/96 LAST NM 39/03				
Add	Characteristic Q(9) 15s to buoy	60°23.5'N 27°50.0'E	44/03		
	(30(491)00 St. Petersburg)				
<b>44366</b>	1Ed. 5/27/89 LAST NM 41/02				
Add	Characteristic Q(9) 15s to buoy	60°23'28"N 27°49'58"E	44/03		
	(30(491)00 St. Petersburg)				
<b>44420</b>	6Ed. 12/14/96 LAST NM 40/03				
Add	Depth 14.6 meters, blue tint and enclosing depth contour (20-meter)	56°30.4'N 18°32.2'E	44/03		
	Depth 18 meters, blue tint and enclosing depth contour (20-meter)	56°28.7'N 18°32.6'E			
	Depth 18 meters, blue tint and enclosing depth contour (20-meter)	56°31.4'N 18°34.6'E			
	Depth 18 meters, blue tint and enclosing depth contour (20-meter)	56°29.5'N 18°34.5'E			
	(50(909)01 Norrkoping)				
<b>44430</b>	2Ed. 6/22/96 LAST NM 40/03				
Add	Depth 14.6 meters, blue tint and enclosing depth contour (20-meter)	56°30.4'N 018°32.2'E	44/03		
	Depth 18 meters, blue tint and enclosing depth contour (20-meter)	56°28.7'N 018°32.6'E			
	Depth 18 meters, blue tint and enclosing depth contour (20-meter)	56°31.4'N 018°34.6'E			
	Depth 18 meters, blue tint and enclosing depth contour (20-meter)	56°29.5'N 018°34.5'E			
	(50(909)01 Norrkoping)				
<b>51017</b>	31Ed. 8/10/96 LAST NM 40/03				
Delete	R Bn at light	28°10.5'N 15°25.0'W	44/03		
	(7(123)03 Cadiz)				

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<b>51022</b>	11Ed. 8/10/96 LAST NM 37/02 Delete R Bn at light (7(123)03 Cadiz)	44/03 28°10.4'N 15°25.0'W	<b>63065</b>	6Ed. 2/17/96 LAST NM 18/02 Substitute CAUTIONS note from Subsection I-2 for CAUTION note 22°52'30.0"N 70°25'30.0"E	44/03
<b>51260</b>	4Ed. 8/10/96 LAST NM 28/03 Delete R Bn at light (7(123)03 Cadiz)	44/03 28°10.5'N 15°25.3'W	Change Legend to "CAUTION NO 1" Legend to "CAUTION NO 1"	22°56'20.0"N 70°13'24.0"E 22°55'34.0"N 70°23'26.0"E	
<b>51344</b>	2Ed. 12/28/96 LAST NM 18/03 (Panel A) Delete R Bn at light (7(123)03 Cadiz)	44/03 28°10'27.2"N 15°25'08.1"W	Add Legend "CAUTION NO 2" (13(266)03 Dehra Dun)	22°54'04.0"N 70°12'36.0"E	
<b>52141</b>	5Ed. 5/25/96 LAST NM 41/03 Change Characteristic of light to Fl(3) R 10s 39°44'25.2"N 3°13'27.6"E Characteristic of light to Fl(4) G 12s 39°44'20.0"N 3°13'20.0"E (35(609)02 Cadiz)	44/03	<b>71259</b>	3Ed. 1/18/03 LAST NM 19/03 Delete Direction of traffic flow arrow (BA CH 4041)	44/03 1°14'03"N 103°59'00"E
<b>53060</b>	14Ed. 9/30/89 LAST NM 39/03 Substitute Depth 40 meters Wk [K26] for wreck (18(25)03 Brest)	44/03 43°17.7'N 5°11.7'E	<b>74009</b>	10Ed. 7/29/95 LAST NM 36/03 Delete Dashed line and legend "Recommended Track 117°-297° between 10°49.1'S 136°40.9'E 8°58.2'S 133°03.8'E (17(555)03 Wollongong)	44/03
<b>53061</b>	10Ed. 2/19/94 LAST NM 38/03 Substitute Depth 40 meters Wk [K26] for wreck (18(25)03 Brest)	44/03 43°17'41.8"N 5°11'39.9"E	<b>74350</b>	4Ed. 10/21/95 LAST NM 16/03 Delete Dashed line and legend "209°-029° between 11°57.7'S 136°46.1'E 11°46.8'S 136°52.2'E Dashed line and legend "256°-076° between 11°46.8'S 136°52.2'E 11°41.5'S 137°13.7'E Add Dashed line (recommended track) [M4] with legend "076°-256°" between 11°57.7'S 136°46.1'E 11°50.9'S 137°13.7'E (17(555)03 Wollongong)	44/03
<b>55001</b> (INT 310)	4Ed. 1/21/95 LAST NM 43/03 Change Visibility (range) of light to 8/4M (38(411)03 Taunton)	44/03 42°28.1'N 27°33.1'E	<b>74376</b>	5Ed. 11/25/95 LAST NM 16/03 Delete Dashed line and legend "029°-209° between 11°57'42"S 136°46'06"E 11°46'48"S 136°52'12"E Dashed line and legend "076°-256°" between 11°46'48"S 136°52'12"E 11°41'40"S 137°13'42"E Add Dashed line (recommended track) [M4] with legend "076°-256°" between 11°57'42"S 136°46'06"E 11°50'54"S 137°13'42"E (17(555)03 Wollongong)	44/03
<b>55063</b>	1Ed. 8/17/96 LAST NM 6/03 Change Visibility (range) of light to 8/4M (38(411)03 Taunton)	44/03 42°28'06"N 27°33'06"E <b>(Plan)</b> Delete Depth 4.8 meters and enclosing depth contour centered 42°28'48"N 27°29'08"E Substitute Depth 7.2 meters for 7.8 meters 42°29'18"N 27°28'32"E Depth 6.1 meters for 6.6 meters 42°29'19"N 27°28'47"E Depth 9.2 meters for 10 meters 42°29'09"N 27°28'55"E Add Depth 8 meters 42°28'59"N 27°28'54"E Depth 4.5 meters 42°28'47"N 27°29'09"E (38(411)03 Taunton)	<b>75171</b>	22Ed. 4/3/99 LAST NM 40/03 Delete "Mussel Culture" area bound by dashed line joining 38°06'15"S 144°40'40"E 38°06'08"S 144°42'10"E 38°06'35"S 144°40'40"E 38°06'35"S 144°42'10"E Buoy 38°18'23"S 144°58'42"E Add Buoy BYB, pillar, double cone topmark bases together, Q(3) 10s [Q130.3] 38°13'49"S 144°50'41"E "Marine Farm (See Note)" area bound by dashed line joining 38°05'55"S 144°40'46"E 38°05'56"S 144°42'16"E 38°06'33"S 144°42'16"E 38°06'32"S 144°40'45"E "Marine Farm (See Note)" area bound by dashed line joining 38°07'35"S 144°33'31"E 38°06'39"S 144°35'16"E 38°07'07"S 144°35'38"E 38°08'03"S 144°33'55"E "Marine Farm (See Note)" area bound by dashed line joining 38°02'59"S 144°37'58"E 38°03'00"S 144°39'19"E 38°03'33"S 144°39'18"E 38°03'32"S 144°37'58"E "Marine Farm (See Note)" area bound by dashed line joining 38°13'49"S 145°00'00"E 38°13'50"S 145°01'08"E 38°14'20"S 145°01'08"E 38°14'19"S 144°59'59"E	44/03
<b>55082</b>	9Ed. 5/11/96 LAST NM 32/03 <b>(Plan)</b> Delete Buoy "9" 46°30'22.8"N 30°44'17.3"E	44/03			
	Relocate Buoy "10" from 46°30'21.5"N 30°44'12.5"E to 46°30'20.5"N 30°44'11.0"E Buoy "6" from 46°30'05.9"N 30°44'26.6"E to 46°30'04.7"N 30°44'24.9"E (25(411)00 St. Petersburg)				
<b>55100</b>	8Ed. 1/23/99 LAST NM 43/03 Change Visibility (range) of light to 8/4M (38(411)03 Taunton)	44/03 42°28.1'N 27°33.1'E			
<b>55110</b>	2Ed. 8/31/96 LAST NM 43/03 Change Visibility (range) of light to 8/4M (38(411)03 Taunton)	44/03 42°28.1'N 27°33.1'E			
<b>*63010</b>	14Ed. 1/18/86 LAST NM 52/02 Add Depth 950 fathoms (NTM0030/2003)	44/03 7°57.6'N 74°35.4'E			
<b>63062</b>	7Ed. 7/7/90 LAST NM 37/03 Change Caution No. 2 to "2. The depths in Kandla and Hanthal Creeks and approaches are subject to frequent changes. The aids to navigation are moved accordingly. Kara Dara Shoal has shifted appreciably to the NW and major changes have been observed in the bathymetry in the area." (13(266)03 Dehra Dun)	44/03 23°13'15"N 69°38'30"E			

(continued on next page)

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NM 44/03

<b>75171</b>	(Continued)			
	"Marine Farm (See Note)" area bound by dashed line joining	38°14'10"S 144°48'56"E 38°13'49"S 144°50'04"E 38°15'16"S 144°50'47"E 38°15'36"S 144°49'40"E		
	"Marine Farm (See Note)" area bound by dashed line joining	38°16'29"S 144°50'08"E 38°16'08"S 144°51'12"E 38°17'34"S 144°51'59"E 38°17'55"S 144°50'52"E		
	Note from Subsection I-2 (17(560)03 Wollongong)	37°58'55"S 144°33'20"E		
<b>75176</b>	9Ed. 9/16/00 LAST NM 40/03 Delete	"Mussel Culture" area bound by dashed line joining	38°08'36.0"S 144°32'37.5"E 38°08'15.0"S 144°33'09.0"E 38°08'07.5"S 144°33'01.0"E 38°08'28.5"S 144°32'28.8"E	44/03
	"Mussel Culture" area bound by dashed line joining	38°03'31.0"S 144°38'13.5"E 38°02'59.0"S 144°38'13.5"E 38°02'59.0"S 144°38'01.5"E 38°03'31.0"S 144°38'01.5"E		
	Buoy "Springs North"	38°08'07.5"S 144°33'01.0"E		
	Buoy "Springs West"	38°08'28.5"S 144°32'28.8"E		
	Buoy	38°03'14.5"S 144°38'13.5"E		
	Buoy	38°03'31.0"S 144°38'13.5"E		
	Buoy	38°03'31.0"S 144°38'01.5"E		
	Buoy	38°03'14.5"S 144°38'01.5"E		
	Buoy	38°02'59.0"S 144°38'01.5"E		
	Buoy	38°02'59.0"S 144°38'13.5"E		
Change	Legend "Shellfish Cultivation Area" to "Marine Farm (See Note)"	38°07'13.5"S 144°34'46.5"E		
Add	"Marine Farm (See Note)" area bound by dashed line joining	38°02'59.4"S 144°37'58.8"E 38°03'00.4"S 144°39'18.7"E 38°03'33.4"S 144°39'18.4"E 38°03'32.4"S 144°37'58.0"E		
	"Marine Farm (See Note)" area bound by dashed line joining	38°05'27.0"S 144°27'18.2"E 38°05'27.5"S 144°27'38.8"E 38°05'43.7"S 144°27'38.2"E 38°05'43.3"S 144°27'17.7"E		
	Note from Subsection I-2 (17(560)03 Wollongong)	38°08'22.0"N 144°38'10.0"E		
<b>★81076</b>	10Ed. 8/03 LAST NM 41/03 Delete	Depth 46 feet	15°13'18.7"N 145°41'42.0"E	44/03
	Add (NOS)	Depth 36 feet	15°13'19.5"N 145°41'42.5"E	
<b>93006</b>	2Ed. 7/29/95 LAST NM 43/03 Delete	Dangerous wreck (PA) (35(725)03 Tianjin)	22°17.4'N 114°21.8'E	44/03
<b>93720</b>	10Ed. 8/12/95 LAST NM 43/03 Add	Dangerous wreck [K28] "Rep (2001)" (33(667)03 Tianjin)	21°21.0'N 111°26.0"E	44/03
<b>93721</b>	5Ed. 6/5/99 LAST NM 43/03 Substitute	Depth 19.2 meters enclosed by depth contour (20-meter) for 21 meters (32(653)03 Tianjin)	22°20'42"N 113°57'48"E	44/03
<b>93733</b>	13Ed. 6/28/97 LAST NM 41/03 Delete	Dangerous wreck (PA) (35(725)03 Tianjin)	22°17'24"N 114°21'48"E	44/03
<b>94033</b>	5Ed. 10/28/95 LAST NM 42/03 Add	Dangerous wreck [K28] (PA) (35(730)03 Tianjin)	38°09.5'N 120°39.6'E	44/03
	<b>94180</b>	9Ed. 10/28/95 LAST NM 28/03 Add	Dangerous wreck [K28] (PA) (34(708)03 Tianjin)	44/03 29°49.5'N 122°33.6"E
	<b>94206</b>	3Ed. 3/8/86 LAST NM 19/03 Add	Depth 7 3/4 fathoms (11(177)03 Tianjin)	44/03 30°42'46"N 121°24'23"E
	<b>94216</b>	6Ed. 4/20/96 LAST NM 42/03 Delete	Dangerous wreck (PA)	44/03 31°04'12"N 122°01'03"E
		Substitute	Depth 4.2 meters Wk [K26] for swept depth 3.8 meters Wk	31°01'02"N 122°06'49"E
		Add	Depth 4.4 meters Wk [K26] (23(454)03 Tianjin)	31°04'10"N 122°00'47"E
	<b>94220</b>	4Ed. 9/23/95 LAST NM 42/03 Delete	Dangerous wreck	44/03 31°01.0'N 122°06.1'E
		Substitute	Depth 4.4 meters Wk [K26] for dangerous wreck (PA)	31°04.2'N 122°00.8'E
		Add	Depth 4.2 meters Wk [K26] (23(454)03 Tianjin)	31°01.0'N 122°06.8'E
	<b>94420</b>	3Ed. 9/23/95 LAST NM 42/03 Add	Dangerous wreck [K28] (PA) (35(730)03 Tianjin)	44/03 38°09.5'N 120°39.6'E
	<b>95300</b>	5Ed. 8/3/91 LAST NM 52/02 Delete	Light	44/03 35°30'48"N 133°56'25"E
		Add	Light 2 Fl RG 4s 5/3M (33(1263)03 Tokyo)	35°30'56"N 133°56'12"E
	<b>95341</b>	8Ed. 2/22/97 LAST NM 40/03 Add	Dashed line (breakwater) between (33(1270)03 Tokyo)	44/03 33°57'14"N 130°46'30"E 33°57'12"N 130°46'42"E
	<b>96039</b>	7Ed. 7/8/95 LAST NM 23/03 Add	Height 28m to light (BA LL)	44/03 43°03.5'N 131°57.8"E
	<b>96041</b>	11Ed. 12/4/93 LAST NM 39/03 Add	Height 28m to light (BA LL)	44/03 43°03'28"N 131°57'45"E
	<b>96042</b>	11Ed. 6/19/82 LAST NM 40/03 Add	Height 28m to light Height 32m to light Light L Fl RG 5s 21m 3/2M (BA LL)	44/03 43°03'28.0"N 131°57'45.0"E 43°05'02.0"N 131°51'20.0"E 43°01'48.0"N 131°54'54.0"E
	<b>97120</b>	6Ed. 8/9/97 LAST NM 40/03 Add	Fish haven symbol [K46.1] Fish haven symbol [K46.1] (37(1417)03 Tokyo)	44/03 35°13.7'N 139°49.8"E 35°05.4'N 139°49.5"E
	<b>97140</b>	17Ed. 6/28/97 LAST NM 40/03 Change	Visibility (range) of light to 7M	44/03 34°45.0'N 138°16.1'E
		Add	Fish haven symbol [K46.1] Fish haven symbol [K46.1] (37(1417), 1418)03 Tokyo)	35°13.7'N 139°49.8"E 35°05.4'N 139°49.5"E
	<b>97143</b>	11Ed. 9/25/93 LAST NM 26/03 Add	Fish haven symbol [K46.1] Fish haven symbol [K46.1] Fish haven symbol [K46.1] (37(1417)03 Tokyo)	44/03 35°13'36"N 139°50'00"E 35°13'26"N 139°50'00"E 35°05'14"N 139°49'42"E
	<b>97144</b>	14Ed. 6/22/02 LAST NM 39/03 Add	Fish haven symbol [K46.1] Fish haven symbol [K46.1] (37(1417)03 Tokyo)	44/03 35°13'48"N 139°49'48"E 35°13'38"N 139°49'48"E

**97159** 6Ed. 8/3/91 LAST NM 16/03 44/03  
 Change Visibility (range) of light to 7M 34°44'57"N 138°16'03"E  
 (37(1418)03 Tokyo)

**97180** 6Ed. 7/19/97 LAST NM 26/03 44/03  
 Change Visibility (range) of light to 7M 34°44'57"N 138°16'03"E  
 (37(1418)03 Tokyo)

**97181** 20Ed. 3/26/94 LAST NM 35/03 44/03  
 Add Buoy Y, can, Mo(U) 10s 34°16'55"N 136°43'03"E  
 (37(1419)03 Tokyo)

**97183** 9Ed. 3/21/98 LAST NM 43/03 44/03  
 Add Light Mo(U) 8s 7m 4M 34°52'55"N 136°47'59"E  
 (See 16/03-97183)  
 (33(1266)03 Tokyo)

**97184** 15Ed. 9/13/97 LAST NM 39/03 44/03  
 Substitute Depth 5.9 meters for 5.3 meters  
 35°02'43.1"N 136°53'11.0"E  
 Depth 6.2 meters for 5.4 meters 35°02'43.0"N 136°53'13.8"E  
 Add Depth 7.6 meters 35°02'42.0"N 136°53'10.0"E  
 (37(1411)03 Tokyo)

**97261** 15Ed. 1/31/98 LAST NM 26/03 44/03  
 Add Submarine power cable [L31.1] joining  
 34°10'18"N 132°39'59"E  
 34°09'42"N 132°39'03"E  
 34°09'29"N 132°39'00"E  
 34°09'20"N 132°39'10"E  
 (33(1268)03 Tokyo)

**97271** 12Ed. 11/29/97 LAST NM 41/03 44/03  
 Add Fish haven symbol [K46.1] 33°52'26.0"N 132°14'33.0"E  
 (37(1421)03 Tokyo)

**97397** 7Ed. 8/29/92 LAST NM 26/03 44/03  
 Add Buoy (mooring) [Q40] "No 61" 33°06'54"N 129°44'05"E  
 (33(1271)03 Tokyo)

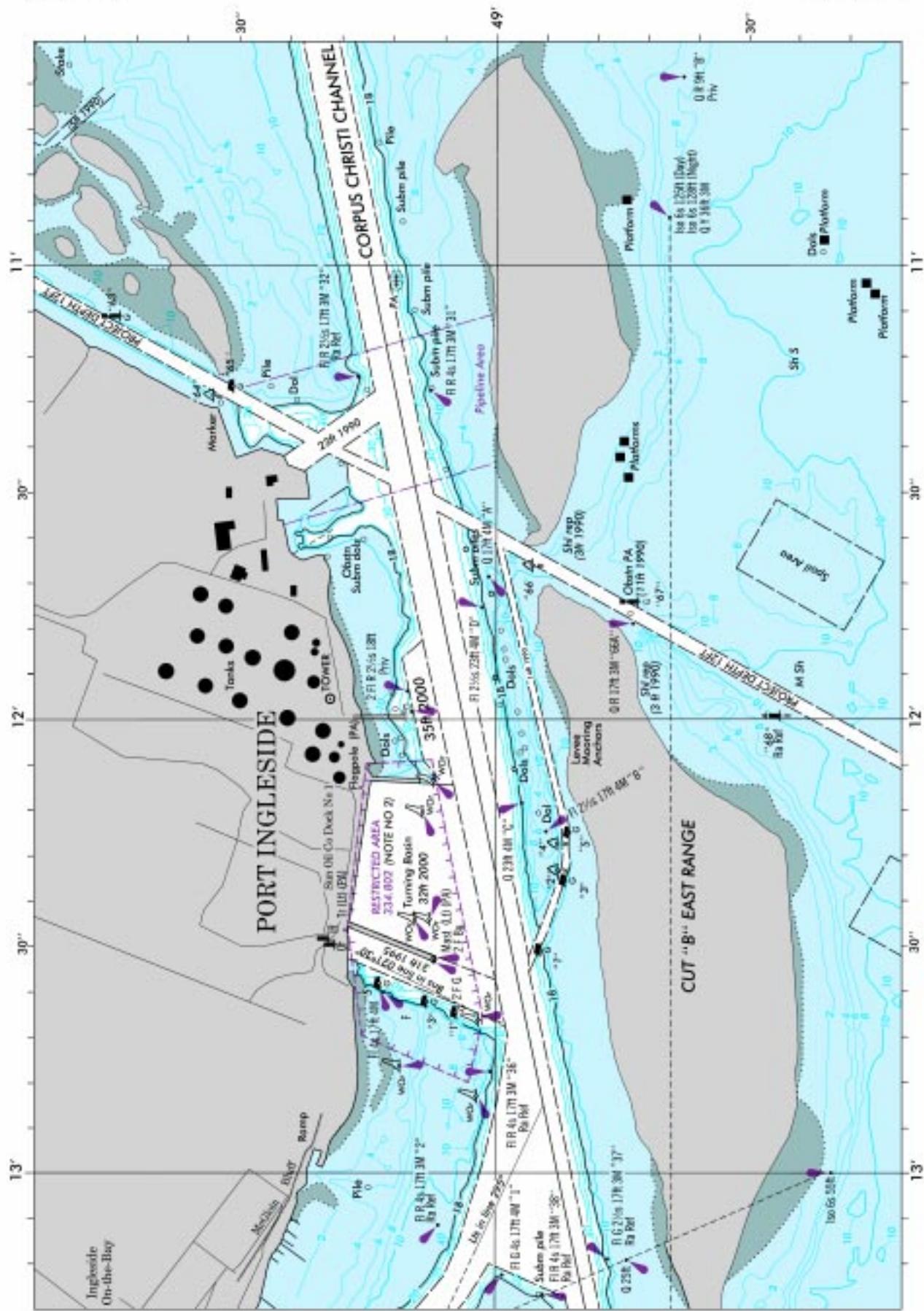
**97400** 4Ed. 5/3/03 LAST NM 34/03 44/03  
 Relocate Buoy "No 61" from  
 33°06'54.0"N 129°43'59.0"E to 33°06'53.8"N 129°44'04.6"E  
 (33(1271)03 Tokyo)

## **SECTION I**

NM 44/03

Chart 11318

NM N44/03



## SECTION I

NM 44/03

Chart 11372 (Side B)

NM 44/03

SHIP ISLAND PASS AND GULFPORT HARBOR CHANNELS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2003					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
SHIP ISLAND BAR CHANNEL	33.8	36.0	34.7	4-00	300 10.0 38
GULFPORT CHANNEL	34.6	36.0	35.8	5-03	220 10.6 36
ANCHORAGE BASIN	31.8	26.2	30.1	5-03	1110-1220 0.4 32-36

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11373

NM 44/03

SHIP ISLAND PASS AND GULFPORT HARBOR CHANNELS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2003					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
SHIP ISLAND BAR CHANNEL	33.8	36.0	34.7	4-00	300 10.0 38
GULFPORT CHANNEL	34.6	36.0	35.8	5-03	220 10.6 36
ANCHORAGE BASIN	31.8	26.2	30.1	5-03	1110-1220 0.4 32-36

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11376

NM 44/03

MOBILE BAY AND RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2003					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
ENTRANCE CHANNEL	42.2	47.0	44.2	7-03	600 7.0 47
MOBILE BAY:					
LOWER REACH (TO LIGHT 50)	40.8	44.6	42.5	7-03	400 11.8 45
UPPER REACH	32.1	39.7	36.5	7-03	400 13.4 40-45
MOBILE RIVER:					
PINTO ISLAND REACH	34.6	37.7	35.1	3-02	700-800 0.6 40
MOBILE CHANNEL	35.9	40.0	36.4	4-02	600 1.5 40
MOBILE TURNING BASIN	39.9	39.1	39.8	3-02	200-675 0.4 40
BLAKELEY ISLAND REACH	38.3	38.0	31.9	3-02	500 1.0 40
ST. LOUIS POINT REACH	18.9	25.4	22.3	6-00	500 0.2 25
CHICKASAW CREEK CHANNEL	15.6	24.7	22.4	7-01	250 2.7 25
ARLINGTON CHANNEL	15.7	18.9	19.0	4-03	150 1.4 27
OCEAN TERMINAL TURNING BASIN	16.5	18.4	14.5	4-03	600 0.1 27
THEODORE SHIP CHANNEL:					
BAY CUT	35.2	37.5	37.1	9-01	400 4.5 40
ANCHORAGE AREA	40.0	40.0	39.9	9-01	300 0.2 40
LAND CUT	36.6	38.4	A36.6	9-01	300 1.5 40
TURNING BASIN	37.0	38.0	34.8	9-01	1400 0.3 40
BARGE CHANNEL	10.4	11.6	9.0	1-02	100 1.1 12

A. ROCK OBSTRUCTIONS REPORTED FROM BUOY "20", CONTINUING FOR APPROXIMATELY 600 FEET EASTWARD.  
MINIMUM DEPTH OVER ROCKS IS 38 FEET.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

## SECTION I

NM 44/03

Chart 11377

NM 44/03

MOBILE BAY AND RIVER CHANNEL DEPTHS					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2003					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
ENTRANCE CHANNEL MOBILE BAY: LOWER REACH (TO LIGHT 50)	42.2	47.0	44.2	7-03	600 7.0 47
UPPER REACH	40.8	44.6	42.5	7-03	400 11.8 45
THEODORE SHIP CHANNEL: BAY CUT	32.1	39.7	36.5	7-03	400 13.4 40-45
					400 4.5 40
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION					

Chart 18449

NM 44/03

DUWAMISH WATERWAY					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2003					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
HARBOR ISLAND REACH	27.6	31.5	28.0	4-03	200 0.5 30
GEOGETOWN REACH	23.9A	25.6B	24.3C	4-03	200 1.7 30
FIRST AVE. 8TH AVE. REACH	17.7	16.7	11.9	4-03	150 0.7 20
SOUTH PARK REACH	11.6	15.9	16.0	4-03	150 0.5 15
14TH AVE. BRIDGE REACH	11.0D	10.7E	10.6	4-03	150 1.2 15
A. SHOALING TO 17.4 FT LAST 600 FT OF REACH B. SHOALING TO 20.9 FT AT 47°32'34.8"N 122°20'07.1"W C. SHOALING TO 18.2 FT LAST 600 FT OF REACH D. SHOALING TO 3.5 FEET LAST 350 FEET OF REACH. E. SHOALING TO 4.5 FEET LAST 300 FEET OF REACH.					
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION					

Chart 18450

NM 44/03

DUWAMISH WATERWAY					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2003					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
HARBOR ISLAND REACH	27.6	31.5	28.0	4-03	200 0.5 30
GEOGETOWN REACH	23.9A	25.6B	24.3C	4-03	200 1.7 30
FIRST AVE. 8TH AVE. REACH	17.7	16.7	11.9	4-03	150 0.7 20
SOUTH PARK REACH	11.6	15.9	16.0	4-03	150 0.5 15
14TH AVE. BRIDGE REACH	11.0D	10.7E	10.6	4-03	150 1.2 15
A. SHOALING TO 17.4 FT LAST 600 FT OF REACH B. SHOALING TO 20.9 FT AT 47°32'34.8"N 122°20'07.1"W C. SHOALING TO 18.2 FT LAST 600 FT OF REACH D. SHOALING TO 3.5 FEET LAST 350 FEET OF REACH. E. SHOALING TO 4.5 FEET LAST 300 FEET OF REACH.					
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION					

## SECTION I

NM 44/03

Chart 11318

NM N44/03

### LEGEND

AIRSPACE ALERT AREA (A)

### AIR INFORMATION CURRENT TO 9 SEP 1999

Consult Notices to Airmen (NOTAMS) and Flight Information Publications (FLIPS) for the latest air information. Users should refer aeronautical corrections, additions, and comments for improving this product to: Director, National Imagery and Mapping Agency Aerospace Center, 63118-3399, Attn: GI.

### NOTE

This chart is to be used only in conjunction with information contained in CINCLANTFLTINST 3120.26 Series.

### AUTHORITIES

Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with additional data from the Corps of Engineers, U.S. Coast Guard and NIMA.

### DATUM NOTE

Positions obtained from satellite navigation systems referred to the World Geodetic System 1984 (WGS-84) can be plotted directly on this chart.

Chart 63065

NM 44/03

### CAUTIONS

1. The depths in Kandla and Hanthal Creeks and approaches are subject to frequent changes. The buoys, beacons and lights are relocated periodically to reflect existing conditions.
2. Kara Dera Shoal has shifted appreciably to the NW and major changes have been observed in the bathymetry in the area.

Chart 75171 NM 44/03  
MARINE FARMS

Marine farms, which may be floating or fixed structures, and their associated moorings should be avoided. The farms are generally marked by buoys or beacons, which may be lit.

Chart 75176 NM 44/03  
MARINE FARMS

Marine farms, which may be floating or fixed structures, and their associated moorings should be avoided. The farms are generally marked by buoys or beacons, which may be lit.

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 33/02 THROUGH NM 44/03**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
 \* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	
12	1	45/02	11305	1	N36,N46/02;N1,N6,N7, N32/03	11363	38	35,38,40,43,49,51/02;4,5, 7,18,19,20,21,22,24,26, 27,34,38,43/03	11465	36	52/02*;22,24,40/03	
20	3	18/03	11307	36	22,24,27,35/03	11364	39	3*,4,5,8,9,18,19,21,23, 25,26,27,30,33,34,35, 43/03	11466	36	30*,31,40/03	
22	1	18/03	11308	22	3*,7,10,23,25,32/03	11365	17	52/02*;9,32,34/03	11467	37	47*,50/02;4,12,21,23, 40/03	
50	6	32*,34,40/03	11309	36	36,46/02;1,6,7,22,24,25, 32/03	11366	7	48*,51/02;5,6,7,8,19,21, 23,24,26,27,29,30,34,35, 37/03	11468	39	42*,43,49/02;40/03	
53	2	34/03	11310	1	N46/02;N22,N23,N32/03	11367	32	38/03*	11469	5	35,50/02;7,9,12,21,23,31, 40/03	
70	4	7,34/03	11311	23	46/02,26/03	11368	22	38/02*;19,21,23,30,33, 34,35/03	11470	36	10*,12,40/03	
71	4	7,34/03	11312	3	36,46/02;1,6,7,22,23, 32/03	11369	44	9*,18,19,21,27,43/03	11472	31	8*,25,40/03	
72	4	7/03	11313	22	12,27,36/03	11370	24	38/03*	11474	10	6,17/03	
73	4	34/03	11314	22	17*,21,22,32/03	11371	36	35/03*	11475	16	51/02;13/03	
101	3	48/02	11315	30	37/02*	11372	30	2*,7,10,19,23,24,26,27, 31,42,44/03	11476	19	6,34/03	
103	5	16/03	11316	39	17*,22,26,29,34/03	11373	42	33,37,40,41,42,45,49/02; 7,9,19,20,21,23,24,25,26, 27,29,34,36,38,42,44/03	11478	20	32/03*	
108	9	35/02;34,39/03	11317	29	37,40,49/02;16,19,20,21, 23,26,29,30,34/03	11374	31	45*,49,50/02;1,2,7,8,9, 19,20,23,24,26,27,29,34, 36,38/03	11479	4	N35,N50/02;N6,N23, N25,N31,N34,N40/03	
120	6	39/03	11318	1	N46/02;N6,N24,N25, N44/03	11375	35	1*,2,5,7,9,20,23,24,27, 29/03	11480	38	30/03*	
124	10	18,34,39/03	11319	31	17*,19,20,25,26,29,30, 34/03	11376	48	40,43,50/02;2,7,19,20,21, 22,23,24,25,26,30,36,37, 38,44/03	11481	4	42*,49/02;6,12,13,19,28, 34/03	
125	7	21/03	11320	1	N22,N23,N24/03	11377	5	38*,44/03	11484	21	34/03	
126	39	21/03	11321	29	39,40,41,45/02;23,31, 34/03	11378	32	11*,12,18,20,21,22,24, 26,30,38/03	11485	33	22/03*	
145	16	39/03	11322	28	19*,20,23,30,34,35,42/03	11379	31	15*,2,5,7,9,20,23,24,27, 29/03	11486	15	36/03*	
200	3	37/03	11323	59	33,37,39,45/02;1,6,7,9, 20,23,27,29,31,34,35,38, 42/03	11380	48	40,43,50/02;2,7,19,20,21, 22,23,24,25,26,30,36,37, 38,44/03	11488	24	7,17/03	
301	1	14,21,24/03	11324	32	33,37/02;1,6,7,9,10,16, 20,21,23,25,29,30,31,37, 38,42/03	11381	5	38*,44/03	11489	34	8*,12,20,22,31/03	
302	1	2/03	11325	35	26*,38,42/03	11382	39	46/02*;9,25,26,37/03	11491	33	34,37,38/02;12,30,34/03	
310	20	2,14,21,24/03	11326	31	7*,9,16,20,21,22,23,24, 30,31,33,35,38/03	11383	49	9,18,26,30,37/03	11493	9	N39/02;N12,N20,N22, N31/03	
400	3	33,35,45/02;29,33,34/03	11327	30	37,49/02;1,6,16,19,20,22, 24,29,30,33,35,38,42/03	11384	33	30/03*	11494	8	N39/02;N22/03	
401	5	33,35,45/02;14,29,33,34, 44/03	11328	23	43/03*	11385	22	33,34/02;7,21,32/03	11496	9	N35/02;N1,N17,N19, N34/03	
411	49	19*,22,23,24,25,26,29, 30,31,33,44/03	11329	34	36,37,39,45/02;1,6,7,9, 10,16,21,22,30,36,38, 42/03	11386	22	33,34,37/02;7,21,30, 32/03	11504	15	12,22/03	
500	8	32*,34,41/03	11330	14	2*,4,6,7,8,17,19,20,21, 22,23,27,30,31,34,35,36, 38/03	11387	22	33,34/02;7,21,32/03	11505	1	34,40,49/02;1,4,5,11,22, 34,43/03	
501	12	9*,10,18,21,22,24,40, 41/03	11331	18	8,19,23,30,34/03	11388	16	24,34/03	11506	40	10*,19,22,28,34,43/03	
502	2	52/02;40,44/03	11332	28	24*,38,42/03	11389	32	33,37/02;2,7,32,42/03	11507	31	9*,12,20/03	
507	2	45/02	11333	1	N35/03	11390	22	33,34,37/02;7,21,30, 32/03	11508	21	10/03*	
508	2	45/02	11334	68	37*,38/03	11391	22	33,34/02;7,21,32/03	11509	27	1,11,24/03	
510	3	40/03	11335	39	14*,17,21,22,23,25,31, 34,37,38/03	11392	6	34/02;21,32/03	11510	18	34/02	
513	6	38/02;34/03	11336	43	27*,29,31,34,35,42/03	11393	20	30,35,42/03	11511	16	11/03	
520	127	38/02;34,40,41/03	11337	30	37,49/02;1,6,16,19,20,22, 24,29,30,33,35,38,42/03	11394	34	39/02;4,9,11,12,13/03	11512	59	10*,11,15,20,22,24,34, 43/03	
521	11	34/03	11338	23	43/03*	11395	29	38/03*	11513	23	49/02;1,24/03	
523	8	34/03	11339	34	36,37,39,47,49/02;1,4,8, 10,16,21,22,30,36,38, 42/03	11396	21	30*,34/03	11514	26	37*,40,49/02;4,5,15,22, 24,34,43/03	
524	12	47/02;34/03	11340	68	37*,38/03	11397	21	40*,45/02;1,6,7,11,12,13, 14,20/03	11515	30	43/03*	
525	3	40/03	11341	39	14*,17,21,22,23,25,31, 34,37,38/03	11398	11	9/03	11516	17	24/03	
526	10	47/02;6/03	11342	52	27*,29,31,34,35,42/03	11399	28	3/03*	11517	33	14*,19,28/03	
530	30	37,38,40,52/02;6,10,18, 21,22,24,34,40,41,44/03	11343	36	37,40,49/02;4,8,17,19,20, 23,30,34,35/03	11400	28	32/03*	11518	12	28/03*	
531	21	47,52/02;21,24,32,34, 41/03	11344	35	9*,19,22,23,26,27,29,31, 34,38,43/03	11401	27	7/03	11519	41	38*,39/03	
532	17	38/02;34/03	11345	31	9*,38/03	11402	21	30*,34/03	11520	26	35/02;9,19,24,28,34, 39/03	
540	16	51/02;16,30/03	11346	33	42*,43,47,49/02;4,6,7,8, 19,20,21,23,25,26,27,29, 31,32,43/03	11403	21	47/02*	11521	19	39/03	
541	2	6/03	11347	33	42*,43,47,49/02;4,6,7,8, 19,20,21,23,25,26,27,29, 31,32,43/03	11404	21	50/02;9,19,27/03	11522	19	39/03	
550	7	45/02;6/03	11348	20	43/03*	11405	29	38/03*	11523	21	35,52/02;5,9,19,24,28, 34/03	
601	4	6,8,27,38/03	11349	40	38*,42,51/02;23,26,27, 31,36/03	11406	11	9/03	11524	46	8*,11,12,13,15,17,19,20, 22,28,34,43/03	
602	6	47/02;6,38/03	11350	25	43/03*	11407	28	3/03*	11525	6	N39,N40,N44,N46, N51/02;N4,N6,N8,N24, N39/03	
603	6	47/02;10/03	11351	38	20*,22,23,25,27,30,31, 34/03	11408	28	32/03*	11526	10	20/03*	
604	5	38/03	11352	36	3*,7,8,9,20,22,24,26,31, 34/03	11409	28	32/03*	11527	16	37/02;20/03	
605	4	6/03	11353	2	35,38,43,45,49/02;4,5,7, 18,20,21,26,27,31,34, 43/03	11410	27	20*,21,22,25/03	11531	21	11,39/03	
606	1	17/03	11354	24	26*,31,34/03	11411	25	41/03*	11532	20	37/02;39,43/03	
607	1	17/03	11355	25	38/03*	11412	21	47/02*	11534	32	17*,36/03	
622	9	47/02;6/03	11356	35	38/03*	11413	33	2/03*	11535	12	46/02;39/03	
623	9	47/02;19,36/03	11357	36	38/03*	11414	34	38*,39/03	11536	16	38/03*	
632	8	45/02	11358	52	41/03*	11415	30	7,15,39/03	11537	34	21*,23,26,35,36,43/03	
702	5	7/03	11359	11	39/02	11416	30	36/02;7,15,20/03	11539	18	39,44,51/02;6/03	
703	4	46/02;7,44/03	11360	40	1*,2,5,6,8,19,23,24,25, 26,27,29,30,34,35,37, 38/03	11417	35	38/02*;20/03	11541	33	8*,9,14,22,35,39/03	
705	3	46,52/02	11361	70	21*,23,24,25,26,30,31, 35/03	11418	11	7,8,21/03	11542	15	39/02	
706	4	44/03	11362	4	N33,N36,N39,N40, N47/02;N2,N5,N6,N8, N19,N23,N24,N25,N26, N27,N29,N30,N34,N35, N37,N38/03	11419	25	6,7,15,22/03	11543	22	39/02;8,38/03	
707	2	34,44/03	11363	41	38/03*	11420	33	2/03*	11544	37	36/02*;8/03	
708	3	34,36/03	11364	52	42/02*,6/03	11421	21	47/02*	11545	60	45*,47/02;6,8,14,22,23, 24,35,38,39,43/03	
709	2	50/02;19,25/03	11365	21	43/03*	11422	21	47/02*	11547	35	37,47/02;6,8,14,22,23,35, 38,39,43/03	
1113A	20*	21,22,25/03	11366	41	38/03*	11423	18	14,25/03	11548	38	47/02*	
1114A	39/02	4,9,11,12,13/03	11367	2	35,38,43,45,49/02;4,5,7, 18,20,21,26,27,31,34, 43/03	11424	34	46*,49/02;4,25/03	11549	28	17/03*	
1115A	1*	2,5,6,8,19,23,24,25, 26,27,29,30,34,35,37, 38/03	11368	36	38/03*	11425	31	20*,22,25/03	11550	28	17/03*	
1116A	37*	38/03	11369	36	38/03*	11426	33	2/03*	11553	28	8/03*	
1117A	28*	30,31,32,34,35,36, 44/03	11370	36	38/03*	11427	33	2/03*	11554	32	17*,36/03	
11004	7	37,39,40,42,43,45,47, 51/02;5,6,7,8,9,14,18,21, 22,23,24,25,26,27,29,30, 32,34,36,37,38,44/03	11371	11357	36	38/03*	11428	32	52/02*,6/03	11555	12	46/02;39/03
11006	30	36,39,40/02;2,6,19,21,23, 24,25,27,29,33,35/03	11372	11358	52	41/03*	11429	21	47/02*	11556	16	38/03*
11009	36	35,44,51/02;6,12,19, 39/03	11373	11359	11	39/02	11430	25	17/03*	11557	34	21*,23,26,35,36,43/03

## SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 33/02 THROUGH NM 44/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

\* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12206	29	33,38,46/02;10,28,33/03	12362	16	49/02	13305	28	40,41,49/02;2,7,9,36, 44/03	14217	N43/03*	
12207	20	50,52/02;18/03	12363	39	44/02;6,23,27,32,36/03	13307	10	23,28,44/03	14218	N39/03*	
12208	9	23*,28,41/03	12364	34	20*,23,25,27,32,36,39/03	13308	11	40/02	14219	N40/03*	
12210	36	8*,33/03	12365	26	6,23/03	13309	28	42/02*,9,32/03	14220	N39/03*	
12211	41	10/03*	12366	27	51/02,20,27/03	13312	21	10/03*	14221	26	40,46/02
12214	44	14*,19/03	12368	26	42/02*,24,25/03	13313	19	41,49,52/02;6,9,36/03	14222	16	40/03**
12216	27	47/02*,19/03	12369	25	44/02;32,35,36,43/03	13315	11	49/02	14223	18	38/03**
12221	74	35*,41/03	12370	18	39/02*	13316	22	28/03*	14224	N39/03*	
12222	44	26*,28,33,34,41/03	12371	23	27/03*	13318	18	38*,41,52/02;5,6,21/03	14225	17	39/03**
12224	23	8*,33/03	12372	31	45*,47,48/02;2,5,6,23,25, 36/03	13321	9	20/03*	14226	32	39/03**
12225	54	22*,33/03	12373	14	2/03	13323	7	5/03	14227	28	39/03**
12226	16	7/03	12377	14	37/02	13324	13	41,52/02;2/03	14228	11	39/03**
12230	60	30*,34,42/03	12378	14	2,13,23/03	13325	14	2,29/03	14229	N39/03*	
12231	26	35,46/02;7,30/03	12401	7	47/02;2,13,33,34/03	13326	12	41,43/02	14240	6	43/03**
12233	35	3*,4,5,6,14,34/03	12402	8	33,47/02;13,34,41/03	13392	2	6/03	14241	23	39/03**
12235	29	47/02;4,6,7,17,33/03	13000	N48,N49/02;N21,N26, N29/03	13394	3	39/02*,9,21,42/03	14242	13	40/03**	
12237	26	47/02;17,25,34/03	13003	47	36*,39,44/03	13396	4	9,19,21/03	14243	8	39/03**
12238	37	46/02*,1,4,7,19,25,34/03	13006	31	36*,39,44/03	13398	3	36/02	14244	5	39/03**
12241	21	34,44/02;7,34/03	13009	30	42*,48,49/02;1,9,18,23, 36,39,44/03	14002	57	32,34,36,37,42/03	14245	4	39/03**
12245	62	30*,33,34/03	14003	6	48,49/02;5,9,12,29,39/03	14007	N38/03*	14246	6	39/03**	
12248	40	44/03*	13200	33	37,48/02;7,9,18,36,39, 44/03	14008	76	38/03**	14247	N39/03*	
12251	23	35/02;4,6,7,15,26/03	13201	10	N37,N48/02;N9,N18, N36,N39,N44/03	14010	5	35/02;26,32/03	14249	N40/03*	
12252	23	33,34/02;4,7,10,15,17,30, 35/03	13203	12	37/02	14024	5	33,36,39/02;12,22,36/03	14250	N40/03*	
12253	43	35/03*	13204	12	44/03	14040	65	40/02;34/03	14251	N40/03*	
12254	43	38*,43,44/02;30,34/03	13205	36	37,42,45,48/02;1,5,23/03	14041	12	34,36,42/03	14252	N40/03*	
12255	15	44/02;30,34/03	13209	23	37/02;23/03	14042	3	34,42/03	14253	N40/03*	
12256	13	33,44/02;24,30,34/03	13211	13	47/02	14043	7	21,26/03	14254	N40/03*	
12261	28	37*,44/02;7,18,22/03	13212	35	9*,13,36/03	14044	44	6/03	14259	3	40/03**
12263	52	35*,42,44/03	13213	40	14*,25,36/03	14061	27	6,9/03	14260	47	39/03**
12264	28	38/02*,7,42,44/03	13214	27	34*,45,48/02;5/03	14062	17	32,36/03	14263	15	40/03**
12266	27	20,30/03	13215	17	45,48/02;1,5/03	14066	19	6,34,42/03	14264	4	40/03**
12270	32	9*,18,24,25,33,34/03	13216	1	N48/02	14067	11	6/03	14280	37	40/03**
12272	29	36,45/02;13,16,30,33, 38/03	13218	38	42,45,51/02;5/03	14081	21	36/03	14310	2	40/03**
12273	53	36,45,50/02;5,15,17,19, 30,33,38/03	13221	53	44,51/02;2,5,7,27/03	14083	30	33/02	14329	5	32/03
12274	33	37*,50/02;5,15,17,30, 33/03	13223	36	52/02/2/03	14087	58	33/02	14340	25	33,37,40,52/02;12,22, 30/03
12277	32	35/03*	13224	36	44/02;5,27/03	14088	10	41/02*,34/03	14341	5	12,34/03
12278	72	36,45/02;19,25,30,33, 38/03	13226	5	44/02;6,7/03	14089	29	41/02*,34/03	14342	20	52/02;30/03
12280	3	37*,43,45,46,47,50, 52/02;1,6,7,18,28,33,38, 44/03	13227	13	7/03	14090	2	33/02	14344	2	37,40/02
12281	49	12,19,25,38,44/03	13228	11	51,52/02	14091	6	41/02*	14345	5	37,40/02;12,22/03
12282	34	43/03*	13229	27	39,42,45,52/02;1,7,19/03	14111	7	14,32,34,42,44/03	14349	7	42/03
12283	24	8,18,25/03	13230	46	2*,7,19/03	14112	5	32,42,44/03	14353	3	42/03
12284	15	7,42/03	13232	4	39,42/02	14143	N38/03*	14354	2	32,42/03	
12285	35	11*,14,19,22,34,36/03	13233	16	10,39/03	14144	29	38/03**	14357	N52/02	
12286	29	2*,4,6,42/03	13234	12	22/03*	14146	2	32/03	14358	N36/02;N34/03	
12289	48	10*,19,22/03	13235	18	3*,8/03	14151	2	37/02;32,34,38/03	14360	36	33,36/02
12300	43	19*,39,44/03	13260	39	36*,39,42/03	14168	N37/03	14373	2	34/03	
12301	21	N37,N39,N42,N45/02; N5,N17,N39,N44/03	13263	7	N1,N7,N9,N18,NP21, N23,N26,N29,N36,N39, N42/03	14169	2	32,38,42/03	14386	3	36/02
12304	43	21*,26/03	13264	103	36,49/02;9,P21,26,29,39, 42/03	14173	2	38/03	14415	4	33/02;36/03
12311	42	38/03*	13267	30	52/02;1,7,9,36/03	14174	N42/03*	14420	27	40/03**	
12312	52	10*,15,24,32/03	13270	59	33,34,40,43/02;1,2,7, 12/03	14178	1	42/03	14500	27	52/02*
12313	49	35*,43/03	13272	47	40/02;8,25,35/03	14179	N40/03*	14758	N32/03		
12314	30	46*,50/02;5,25,33,35/03	13274	25	43/03*	14180	38	42/03**	14759	36	33,36/02
12316	29	2*,6,32/03	13275	27	45,52/02;1,2,7,16,42/03	14185	2	40/03**	14773	16	26/03
12317	31	37,50/02	13276	22	36/03*	14186	2	40/03**	14774	16	15/03
12318	41	9*,32,44/03	13278	25	1,9,32,39/03	14187	2	38/03**	14804	24	5/03
12323	23	40/02;4/03	13279	30	20*,32,39/03	14188	1	42/03	14813	21	2/03*
12324	30	2*,8/03	13282	11	21*,39/03	14189	2	36,42,44/03	14815	22	43/03
12326	49	35/03*	13283	18	1,9/03	14190	2	37,42/03	14816	23	5/03
12327	96	1*,2,8,12,13,14,16,18,19, 23,29,33,34,36,41/03	13285	10	20/03	14191	N38/03*	14820	19	11/03*	
12331	30	8*,13,14,18,33/03	13286	29	39*,40,50/02;1,9/03	14192	N38/03*	14822	31	10/03*	
12332	21	43,46/02;13,18/03	13288	40	36,43,50,51/02;29,42, 44/03	14193	N38/03*	14823	30	1/03*	
12333	33	44/03*	13290	35	39*,42,44/03	14195	N42/03*	14826	27	4/03*	
12334	66	30*,34,36/03	13292	36	36,40/02;7,16,29,42, 44/03	14196	N38/03*	14830	30	31*,34/03	
12335	39	1,8,23/03	13293	33	43,51/02;14,27/03	14197	N38/03*	14833	25	43/03	
12336	22	45/02;13,18/03	13295	11	2*,14/03	14198	N43/03*	14835	31	39/02	
12338	9	21/03*	13296	25	43/02;27/03	14200	2	38/03**	14836	27	42/02*
12339	43	23/03	13298	10	43,52/02	14201	15	38/03**	14837	27	3/03
12341	26	36/03*	13299	12	48/02*	14202	12	42/03**	14838	3	52/02*
12343	18	37/02*,7,21,27/03	13302	21	41/02;2,7,9,32,42/03	14204	21	38/03**	14839	36	9*,43/03
12345	10	42/02*,21/03	13303	20	33,51/02;23,42/03	14205	7	38/03**	14842	12	39/02;2,4/03
12347	29	27,29,35/03	13304	21	41/02;2,7,9,32,42/03	14206	20	43/03**	14843	22	39,51/02;43/03
12348	33	27,29,34/03	13305	28	44/02*	14208	28	38/03**	14844	31	4/03
12350	57	39*,49/02;29/03	13306	10	43,52/02	14209	N38/03*	14845	26	4/03	
12352	29	34/02;17,39/03	13307	21	41/02;2,7,9,32,42/03	14211	N40/03*	14846	30	40/02;43/03	
12353	17	39/03	13308	12	48/02*	14212	N38/03*	14848	56	9,17,21,22/03	
12354	40	38/03*	13309	12	48/02*	14213	N39/03*	14850	51	7,21/03	
12358	19	46*,49/02;1,7,10/03	13310	12	48/02*	14214	N39/03*	14852	45	19*,21/03	
			13303	12	48/02*	14215	N39/03*	14853	14	26/03*	
			13305	12	48/02*	14216	N39/03,N44/03	14854	13	17/03	
						14217	2	34/03	14864	26	37/02
						14218	30	40/02;43/03	14865	16	4/03
						14219	11	39/03**	14867	26	39/03*
						14220	11	39/03*	14871	2	34/03

## SECTION I

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 33/02 THROUGH NM 44/03**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
 \* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
14873	2	35/02	16568	12	39/02*	17472	4	5,14,36,41/03	18445	29	33,39/02;6,7,9,10,15,18, 22,25,28,34,36,38,42/03
14880	30	33/02;4/03	16575	1	39/02	17480	4	43/02;5,10,36/03	18446	15	6,7,9,18,19/03
14881	31	33/02	16576	3	42/02;6/03	17482		N7,N14,N41/03	18447	26	52/02;6,7,10,18/03
14885	20	51/02	16580	11	39/02	17483		N41/03	18448	32	33/02;10,15,22,34,36/03
14886	11	41/03*	16590	10	38/02*	17484	3	41/03	18449	17	7,34,44/03
14901	14	52/02*;5/03	16592	9	16/03	17485	4	41/03	18450	17	9*,44/03
14902	28	4/03	16593	11	14/03*	17489	19	43/02	18452	16	34,38/03
14903	23	31/03*	16594	13	2/03	17495	2	43/02	18453	24	14*,25,36,38,42/03
14904	26	40/03*	16595	14	2/03	17503	4	43/02	18455	2	N39/02;N15,N34,N38/03
14905	29	35,37/02;5/03	16596	12	39/02*	17513		N42,N43/02;N15/03	18458	15	19*,28,34,38/03
14906	23	5/03	16597	8	43/02	17515	7	6,15,16,36,43/03	18459	5	N39/02;N15,N15,N28, N34,N38/03
14910	23	17/03*	16598	9	43/02	17517	8	6,15,16,34/03	18460	11	2*,6,7,43/03
14911	20	4/03	16599	6	43/02	17518	7	P44,48/02;16,18,20, 41/03	18464	23	24*,30/03
14912	17	31/03*	16603	7	42/02;6/03	17519	13	16/03	18465	35	2*,15,30/03
14913	18	31/03*	16606	11	37/02*;21/03	17520	2	N6,N16,N34/03	18468	17	7/03
14915	25	28/03*	16608	3	6/03	17521		N15/03	18471	9	36/03*
14916	10	45/02*;17/03	16640	24	21/03	17522		N15/03	18473	7	4*,18,19,34,38/03
14917	23	3/03	16646	12	8/03	17523		N15/03	18474	7	45/02*;7,10,15,22,25,34, 36,38/03
14918	26	17/03	16660	28	42/02;6,16/03	17524		N12,N15/03	18475	1	35/03
14922	19	51/02;9/03	16663	6	42/02;6,16/03	17525		N15,N43/03	18476	4	39/02;7,9,28,34,38/03
14924	27	5/03	16665	7	42/02;6,16/03	17526		N15/03	18477	5	7/03
14926	10	32/03*	16680	10	6,32,37/03	17528		N43/02;N6,N12/03	18480	29	2*,6,7,43/03
14927	24	35,37/02	16681	10	37/02*	17541	3	43/02	18484	10	40/02;15,29/03
14928	21	4/03*	16682	15	8*,17,19,37/03	17542	6	47/02	18485	15	2*,10,29/03
14929	24	14/03*	16683	9	3,6,17,32,37/03	17543	17	41/02;43/03	18500	28	39/02;12,22,28/03
14930	24	45/02	16700	28	40*,43/03	17545	13	43,47/02;43/03	18502	84	39,42,49/02;9,21,28,29, 42/03
14931	24	35/02*	16701	19	37/03*	17546	22	42,43,47/02;24,34,35, 43/03	18504	65	19*,35/03
14932	23	26/03*	16702	11	37/03*	17548	28	16,43/03	18520	24	33,39/02;22/03
14933	24	35*,37/02	16705	19	49/02;16,43/03	17549	6	47/02;15/03	18521	69	34*,39,49/02;4,10,12,21, 22,24,29/03
14934	27	17*,26/03	16707	10	34,37/02;16,20/03	17550	4	42,43,P44,45,47,48, 52/02;43/03	18523	53	33/02;4,12/03
14937	24	52/02*;2,17/03	16708	25	37,49/02;16,20/03	18000	8	45/02;6,10,21,36,44/03	18524	33	33/02;4,6,10,24,29/03
14942	25	35/02	16709	22	49/02	18002	6	N45/02;N2,N6,N10,N21, N36,N44/03	18525	33	33/02;4,9,29/03
14963	20	51/02	16712	1	16/03	18003	19	22*,41,43/03	18526	55	33/02;4,18,29/03
14965	21	11/03*	16713	2	49/02	18005	4	N34/02;N6,N10,N13, N21,N26,N40/03	18528	10	52/02*;18/03
14966	25	14*,21/03	16741	9	46/02	18006	3	N6/03	18529	10	52/02*
14967	22	5/03	16760	10	51/02;28/03	18007	31	33,34,37,38,39,40,47, 52/02;18,22,24,26,35, 41/03	18531	20	34/02;9,10/03
14970	25	40,46,51/02	16761	16	28/03	18008	7	N33,N34,N37,N38,N39, N40,N47,N52/02;N18, N22,N24,N26,N35,N37, N41/03	18532	20	10/03
14973	27	15/03*	17003	4	47,52/02;24,35,36/03	18009	2	N34/02;N6,N13,N26, N40/03	18548	5	8/03*
14975	33	52/02*;43/03	17005	10	41,45,47,52/02;24,34,35, 43/03	18010	20	33,34,37,38,39,40/02;6, 13,26,33,40/03	18558	37	39/02
14985	9	41/03*	17008	12	43/02;36/03	18020	36	34,37,45/02;6,10,13,21, 26,36,40,43,44/03	18561	11	33,39/02;10/03
14988	10	41/03*	17300	30	52/02*;21,39/03	18022	33	34,37,45/02;6,10,13,21, 25,33,35,36,40,43/03	18580	21	33,38,39/02
14995	11	52/02*	17302	18	51/02	18400	44	41*,43/03	18581	17	49/02*;4,36/03
15043	3	34/03	17303	9	37/02	18401	12	34/03	18583	38	33,42,49/02;12,43/03
15044	3	34/03	17324	13	39/03	18403	21	6,20/03	18584	47	39,49/02;4,6,30/03
15066	5	32/03	17325	7	29/03	18405	12	43/02;16/03	18587	68	33,39,42/02;4,6,9,10,21, 27,36/03
15313	1	15/03	17316	20	3,25/03	18406	5	16/03	18588	37	22*,36/03
15562		N41/02;N16/03	17318	5	39/03	18409	8	41/03	18589	15	44/03
15569		N23/03	17320	15	13,29,34,39/03	18411		N16,N20/03	18600	14	33,37,38,40/02;44/03
15570		N23/03	17323	10	13,22,29,39/03	18412	10	20/03	18601	13	10/03
15585		N14/03	17324	13	39/03	18413	15	20,22/03	18602	12	26/03*
15690		N35/03	17325	7	29/03	18414	9	20/03	18603	16	9*,10/03
15880		N41/02	17327	20	5/03	18415	8	42/02;7,22,32,39/03	18620	23	35/02*
15954		N47/02*	17360	33	31*,36/03	18416	6	P44,48/02;22/03	18622	52	49/02;21,25,27,35/03
16003	16	13,36/03	17382	15	20*,36/03	18419	11	47/02;12/03	18623	11	34/02
16004	11	13,17/03	17383	1	49/02;8/03	18420	1	22/03	18626	15	37/02;10/03
16005	9	36/03	17384	7	44/02	18421	45	2*,18,20,22,32,36,37, 39/03	18640	24	26,38,42/03
16006	33	6,32,35,36/03	17385	14	14/03*	18424	25	7/03	18643	17	26*,33,41,43/03
16011	35	38/02;8,29,31,32,35, 44/03	17400	16	36/02;10,12,44/03	18427	21	35/02*;7,19/03	18645	24	50/02;33,38/03
16012	21	38/02;34/03	17401	10	1,36/03	18429	9	3*,22/03	18647	15	2/03*
16013	28	52/02;21,29,32,34,35,41,	17405	14	12,25/03	18431	6	2/03*	18649	62	33,36,38,41/02;4,6,21,26, 33,38,43/03
16016	19	34/03	17406	6	25/03	18432	5	14/03*	18650	51	33,38,41/02;4,21,26, 33/03
16042	7	39/02*	17409	10	39/02*;44/03	18433	33	1*,5,7,9,15,18,30,32,34, 36,38,39,43/03	18651	42	15/03*
16061	8	37,49/02;13,17/03	17413	2	43,50/02;10,44/03	18434	25	7/03	18652	32	36*,40,43/03
16200	13	36/03	17414	3	41/02	18435	21	35/02*;7,19/03	18653	9	36,38,41/02;4,6,21,43/03
16220	5	36/03	17416	3	10,14/03	18436	5	14/03*	18654	42	38,49/02;12,16,35/03
16300	8	52/02;3,8/03	17420	26	36,37,42,43,50/02;1,10, 12,14,20,36/03	18437	15	2*,22,32,36/03	18655	58	49/02;12,16/03
16305	9	8/03	17422	8	52/02*	18438	7	6,7,22/03	18656	53	19*,21,33,40,43/03
16322	7	8/03	17426	13	37/02;1,16,20/03	18439	7	6,7,22/03	18657	18	4,21,40/03
16363	12	38/02*	17427	7	21,36/03	18440	7	6,7,22/03	18658	29	4,21,33,40/03
16381	8	8,25/03	17428	7	5,36,43/03	18441	6	2/03*	18659	14	49/02;7,16,21,43/03
16440	13	37/02	17429	2	N38/02*	18442	6	2/03*	18660	2	29*,43/03
16441	7	37/02	17430	10	5,36/03	18443	5	14/03*	18661	27	15*,16,43/03
16442	7	41/03*	17434	11	5,36,43/03	18444	4	P44,48/02;6,9/03	18662	20	7,43,44/03
16480	10	38/02;34/03	17435	16	40/03	18445	26	3*,15,18,22,28,30,32,34, 38/03	18663	5	14*,43/03
16500	9	9,33/03	17436	6	20/03	18446	7	6,7,22/03	18666	1	21,33/03
16520	21	2,31,33/03	17437	8	21/03	18447	15	39/02;34/03	18680	30	6,13,33,35,38,40/03
16528	16	9,33/03	17438	12	50/02;10,14,15,21,36/03	18448	43	39/03*	18685	32	36/03*
16529	14	50/02;9,33/03	17441	7	10,15/03	18449	15	39/02;6,34/03	18687	13	8/03*
16530	6	50/02;33/03	17443	12	10/03	18450	15	39/02;34/03	18700	22	40/03*
16535	12	2,21,31/03	17445	2	10,14,36/03						
16549	15	41/03*	17446	N10/03							
16553	3	17/03	17460	N5,N36/03		</					

## SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 33/02 THROUGH NM 44/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

\* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
18703	25	40/03*	21140	1	45,50/02;12,27,36/03	22305	2	18,24,30,34/03	24053	16	19/03
18704	12	37/02	21141	23	48/02	22311	19	8/03	24055	6	37,49/02;14,19,21,42/03
18720	31	35/02;4,6,10,12,25/03	21160	1	45/02	22312	2	13,30/03	24057	4	38,49/02;20,30,33,42/03
18721	11	35/02;6,10,39/03	21161	19	43,48/02	22313	2	44/02;8,18,38,40/03	24058	2	37,38/02;19,22,28,29,30, 42,44/03
18723	3	6/03	21180	1	2,7/03	22314	1	44/02;40/03	24060	2	34/02;17,32/03
18724	1	22*,25/03	21182	34	39/02	22322	11	33/03**	24080	5	17/03
18725	27	32/03*	21200	1	2/03	22331	2	N10,N19,N24/03	24091	6	6,21/03
18740	39	34,37,45,50/02;5,6,12,25, 27,35,41/03	21301	13	3,12/03	22335	4	19/03	24092	14	6/03
18741	18	N45,N50/02;N12,N27, N38/03	21342	28	41,44/02	22341	9	43/02;11,21,29/03	24101	3	37,41/02
18744	30	37/02;35/03	21384	3	6/03	22342	9	21,29/03	24102	3	37,41/02
18746	34	34/02;5,13,41/03	21401	20	7/03	22343	1	N43/02;N10,N11,N21, N41/03	24110	3	35/03
18749	38	40/02;5,6,16,21,26,28,31, 39,41/03	21441	27	34,44/02	22344	6	N23/03*	24130	14	5/03
18751	42	40/02;5,6,16,21,26,28,31, 39/03	21478	3	9,16/03	22345	11	42/02;24/03	24133	6	31/03
18754	17	39*,43/03	21482	1	36/03	22347	6	N23/03*	24140	18	41,42/03
18755	10	13,41/03	21510	1	9,16/03	22351	1	N43/02;N12,N35,N41/03	24141	4	5/03
18758	6	35/02*;16,33/03	21520	1	29/03	22352	6	12,19,24,35/03	24142	43	5,6/03
18760	6	N34,N35,N45,N50/02; N6,N25,N35,N36, N44/03	21521	14	29/03	22360	2	19/03	24150	27	41/03
18765	15	45,50/02;12,27/03	21525	19	38/03	22361	2	N10,N30,N32,N33, N34/03	24151	4	41/03
18766	7	45,50/02;12,27,36/03	21563	3	45/02	22370	2	15,19,26,30,33,34/03	24152	2	41/03
18768	4	N45,N50/02;N12,N27, N36,N38/03	21584	2	41/03	22371	5	30,32,33/03	24153	6	39/03
18772	47	21/03*	21601	4	31/03	22373	1	N50/02;N10,N24,N30, N32,N33,N34/03	24161	11	42/02;7,28,32,39,40/03
18773	39	40*,41/03	21603	9	5,31,36/03	22375		N10,N15,N26,N37/03	24162	9	42/02;6,7,28,32,39,40, 42/03
18774	10	35/02*;10,16/03	21605	7	31/03	22377	1	N10,N13/03	24164	6	39,41/03
19002	9	N37,N51/02;N16,N23, N29/03	21661	12	6/03	22379	1	N50/02;N10,N30,N32/03	24170	14	5,6,35/03
19004	36	35,37,51/02;23,29,30/03	22004	38	34,36,39,41,43,52/02;16, 29/03	22381		N43/02	24171	19	5,6,37/03
19007	16	51/02;16,23,29,30/03	22008	35	34,36,39,41,43,44,48, 52/02;6,14,17,29,32, 38/03	22385	2	42/02;15,19,22,26,30/03	24172	4	5,6/03
19008	4	16,23,29/03	22012	31	34/02;6,29,32/03	22401	4	N23*,N30/03	24180	15	8,40/03
19009	4	16,23,29/03	22032	20	19,40/03	22403	1	N45/02	24202	6	31,35/03
19009	4	16,23,29/03	22036	28	47/02	22404	15	46/02	24210	14	42/03
19009	4	16,23,29/03	22050	4	12,26/03	22406	1	N1/03	24220	14	39/03
19009	4	16,23,29/03	22052	6	46/02;25,34,43/03	22407	1	N4,N11,N18,N30/03	24222	3	39/03
19009	4	16,23,29/03	22082	4	13,25,38/03	22408	1	N10,N21/03	24223	33	39/03
19010	17	45*,51/02;23,29/03	22084	4	42/02;35,37/03	22409	4	N45/02;N10,N17,N22/03	24233	15	36,43/02
19013	16	51/02;29,30/03	22090	2	43/02;4,17/03	22410	32	43,44,46/02;19,23,40/03	24234	3	35/03
19019	9	28/03*	22100	3	12/03	22413	1	N45/02;N22/03	24240	5	39/02;7,39/03
19320	16	35,37,51/02;5,16,23/03	22101	19	43/02;37/03	22417	1	N10,N25/03	24250	5	39/02;7,39/03
19324	22	35/02;5,23/03	22102	19	17/03	22418	2	36,44,46/02;19/03	24251	23	34,43/02;6,39/03
19327	10	23,43/03	22109	3	17/03	22420	2	4,11,15,19,30,40/03	24252	5	39,43/02;6,39/03
19330	9	27/03	22111	4	17/03	22421	4	N43,N44,N46,N50/02; N11,N23,N25,N26, N23,N25,N26,N27/03	24260	5	34/02
19331	7	23,43/03	22112	3	43/02;17,37/03	22423	3	N11,N25,N27/03	24270	3	17,29/03
19339	1	N35,N49,N51/02;N5, N13,N30/03	22113	8	12,17/03	22424		N27/03	24271	14	17,29/03
19340	26	35,49,51/02;5,13,29,30, 36/03	22114	5	42,43/02;17,33,37/03	22425	2	44,46/02	24274	2	17,29/03
19347	17	29/03	22117	3	37/03	22427	1	N43,N44,N46,N50/02; N11,N23,N25,N26, N40/03	24290	3	36,43/02
19348	7	29,43/03	22120	3	34,36,39,41,43,52/02;29, 32/03	22429		N46/02;N10,N14,N17, N19,N27/03	24291	4	36/02
19353	12	27/03	22121	9	34,36,44,52/02;29,32/03	22430	6	19/03	24292	4	36/02
19357	22	42*,49,51/02;5,13,30, 36/03	22124	2	34,52/02;6,29,32/03	22433	3	39,47/02;11,14,35/03	24293	6	36/02;37,42/03
19359	10	12,16/03	22125	1	36/02	22434	2	35/03	24294	22	36/02;37/03
19360	1	N37,N51/02	22130	2	44/02;14,17,29,32,38/03	22436	2	39/02;10,14/03	24320	4	34,43/02;6,17/03
19361	7	30/03	22138	2	41,44,48/02;6/03	22440	1	19/03	24321	3	6/03
19362	12	49/02	22140	2	34,36,44/02;25/03	22441	31	44/02	24322	6	34/02;6,17/03
19366	36	49/02;5/03	22142	2	39,41,43/02;25/04,40/03	22448	35	43,44/02;19/03	24350	2	51/02;18/03
19367	37	49/02;10/03	22143	4	26*,29/03	22449	16	44,50/02;23/03	24355	2	51/02;25,37/03
19369	5	49/02;10,36/03	22145	2	N41/02;N25/03	22451	3	12,17,34/03	24360	1	25/03
19379	1	N51/02;N5,N13,N30/03	22160	2	34,39,41,48,52/02;25/03	22453	2	39/02;10,14/03	24370	1	34/02
19380	14	51/02;5,13,30/03	22170	3	39/02;6/03	22456	1	19/03	24375	2	34/02;38/03
19381	8	49,51/02;26/03	22172	8	48/02*;4,6,29/03	22471	31	44/02	24376	1	38/03
19382	15	26/03	22173	36	48/02*;6,17,29/03	22481	35	43,44/02;19/03	24380	2	35/02
19383	17	49/02;5/03	22180	2	34/02;32/03	22482	16	44,50/02;23/03	24388	2	35/02
19401	8	10/03*	22181	16	39,41/02;29/03	22483	3	34/03	24404	8	35,44,48/02
19402	6	9/03*	22182	6	34/02;14,29/03	22485	2	38/02;11,14,35/03	24405	10	35,36,44,48/02
19421	7	8/03*	22183	3	32/03	22486	2	39/02;10,14/03	24406	30	2/03
19441	7	28/03*	22190	2	29/03	22487	3	33/02	24408	21	36,44,48/02
19442	5	14*;26/03	22205	2	12,18/03	22488	2	35/02	24410	2	44/02
19461	7	10/03*	22221	20	12,31,34/03	22489	3	22/03	24430	5	39/02;8,11,31/03
19483	6	11/03*	22222	1	4,12,31/03	22490	7	34/02;21,22,37,42/03	24431	14	39/02;31/03
21005	5	45/02;2/03	22233	29	13,18,25,37/03	22491	7	34/02;22,37/03	24434	4	39/02
21008	62	39,42,43,50/02;1,2,36/03	22250	2	42/02;12,18/03	22492	3	37/02;12/03	24445	3	26/03
21011	5	2/03	22251	11	12,28/03	22493	3	37/03	24446	5	5,26/03
21014	72	42,50,52/02;2,3,4/03	22259	4	20,24/03	22494	10	37,52/02	24447	5	16,38/03
21017	50	41,50/02;4,5,6,9/03	22263	1	26,37/03	22495	3	12/03	24448	5	47/02;16,29/03
21020	42	41/02;5,6,7/03	22264	2	42/02;13,18,20,24,26,37, 41/03	22496	3	37/02;12/03	24449	6	39/02;12,15,25,26,38/03
21021	3	45/02;13/03	22275	3	42/02;12,18,26/03	22497	8	12,13/03	24450	3	26/03
21023	41	34/02;7,8,9/03	22281	9	12,18/03	22498	3	39/02	24453	5	26/03
21033	46	1,16/03	22282	17	12/03	22499	46	18,25/03	24454	5	5,26/03
21036	7	1,16/03	22283	3	N12/03	22500	36	41,42/03	24460	4	39,47/02;15,29,32/03
21120	27	47,50,51,52/02	22284	7	N10,N38/03	22501	53	39/02	24461	4	16,38/03
21121	18	47/02	22285	4	18,30/03	22502	11	34,38,49/02;20,31,32, 33/03	24462	5	47/02;16,29/03
21122	5	47/02	22286	15	18,26,37,38/03	22503	15	37,38/02;14,19,21,30,42, 44/03	24463	6	39/02;12,15,25,26,38/03
21125	13	51,52/02;36/03	22293	15	18,26,37,38/03	22504	15	37,38/02;14,19,21,30,42, 44/03	24464	1	46,47/02;13/03
2112											

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 33/02 THROUGH NM 44/03**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
 \* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	
24501	3	27/03	26300	7	21/03*	35143	7	34/02	37080	3	33,34,38,40,42,44,45,46,	
24502	6	46/02;27,34/03	26308	5	21*,22,23,34/03	35144	3	11/03			51/02;1,4,7,9,14,15,18,	
24504	7	41,45,46/02;42/03	26309	26	11/03	35150	3	48/02	37081	23	20,21,22/03	
24508	3	22/03*	26312	2	21/03	35155	3	25/03	37082	9	44,50/02;11/03	
24509	2	45,50/02;15,25,34,42/03	26316	3	21/03	35163	7	44/02	37084	9	38,40,43/02	
24510	2	41,45,46,50/02;42/03	26320	5	35/02;7,12,22,23,25,31,	35166	4	35/02	37085	8	38,40/02	
24511	2	24,42/03			40/03	35167	3	35/02	37086	8	38,50/02;4/03	
24512	3	44,46/02;24,25,38,42/03	26323	4	1/03	35169	2	35/02	37087	7	38,40/02	
24513	18	46/02;38,42/03	26327	2	N41/02*:N17/03	35200	7	48,51/02;5,25/03	37088	9	5/03	
24517	2	46,49/02;25,40,42/03	27005	4	6,8,9,22,23,34/03	35236	2	38,50/02	37089	12	4,13/03	
25001	7	15/03	27040	5	9/03	35246	2	38,43/02	37090	8	45,51/02;1,7,9,14,16,	
25017	5	15,25,31,34,39/03	27041	4	50/02	35247	4	50/02			22/03	
25018	9	15,25,31,34,39/03	27042	21	41,42/03	35255	3	50/02;14/03	37095	3	1,7,9,11,14,15,16,20,22,	
25400	1	35,48/02	27060	2	22,23,34/03	35256	2	14/03			32,39/03	
25480	1	42,46/02	27080	4	15,22,39/03	35270	2	38,46/02	37104	3	41/02	
25485	45	36/03	27081	6	49/02	35276	3	46/02	37106	4	32/03	
25487	2	36/03	27082	6	49,51/02	35277	3	38,46/02	37110	11	47/02;20,25,31,32,39/03	
25524	43	33/02:1,5,20,24,26,32/03	27083	39	28/03	35279	3	38/02	37112	1	47/02	
25525	17	1,5,26/03	27084	4	13/03	35299	9	13/03	37115	2	33,47/02;7,25,31,32,	
25526	2	33/02;24,32/03	27100	2	8,21/03	35301	6	17/03			39/03	
25527	31	33/02;24,32/03	27102	11	28/03	35302	7	17/03	37119	2	43/02	
25528	5	42/02	27120	4	41,43,44/02	35303	7	40/02;17/03	37120	2	39,42,49,51/02;4,6,21,23,	
25550	2	21/03	27142	5	9/03	35308	5	10/03			24,25,26,27,30,32,39,42,	
25563	50	33/02:14,18,21/03	27160	2	8,13,35/03	35330	2	38,41/02	37121	11	43,44/03	
25565	7	33/02	27161	4	8,13/03	35350	2	38,41/02	37122	12	48/02;19,31,44/03	
25566	27	18,30/03	27163	21	49/02;8/03	35402	3	38/02	37123	9	49/02;6,20/03	
25567	16	21/03	27183	8	1,9/03	36005	2	34,36,38,45,46/02:P12,	37125	15	42,49/02;6,9,20/03	
25570	3	16/03	27186	8	1,9/03			37126	8	41/02		
25575	4	35,39/03	28004	1	45/02;8,9,22/03	36010	27	38/02;5,15,16,20,23,	37127	11	49/02;4,6,20/03	
25600	47	25,27/03	28006	1	8/03			37129	6	39,42,49/02;4,6,20,23,24,		
25607	4	39/02	28050	3	34/02;26,42/03	36015	2	36,46/02;27,44/03			30,42/03	
25608	21	16,26,34,38/03	28084	4	17/03**	36040	16	1,15/03	37133	4	44/02	
25613	2	25,27/03	28150	3	8/03	36046	5	38/02	37134	5	38/02	
25640	40	15,25,31,34,39/03	28154	2	38/03	36060	17	38/02;5,8,20,21/03	37136	6	38,46,50,51/02;30/03	
25644	13	20/03*	28190	2	41,43,45,46/02;18/03	36061	5	46/02;20/03	37137	6	46,48/02;30/03	
25646	7	N42/02	28196	4	41,43,45/02;18/03	36062	11	40*,46/02	37139	8	1/03	
25649	19	44/03*	28197	4	45/02;18/03	36098	6	5/03	37140	33	35,49,51/02;4,6,16,24,25,	
25650	33	25,30,31,39/03	28202	22	41,44/02	36102	6	13/03			30,32,42,43,44/03	
25653	13	8/03*	28210	2	33,35,39,41/02	36103	9	13/03	37141	29	36,40,48,51/02;1,4,12,17,	
25659	9	20/03*	28220	2	35,39/02	36104	6	13/03			19,24,27,31/03	
25663	27	17,30,39/03	28221	18	33,37,39/02;5/03	36106	7	47/02;5,13/03	37145	23	46,50/02;4/03	
25664	15	17,30,39/03	28223	4	35,39/02	36118	3	5/03	37147	15	35,36,40/02;1,10,12,16,	
25666	17	17/03	28260	30	35,37/02	36120	9	46/02;5,8,16,23,27/03			17,19,25/03	
25667	20	15/03	28263	3	35,37/02	36123	25	46/02;11,16/03	37148	13	35,38/02;4,10,11,27/03	
25668	18	48/02;13,34/03	28264	3	35,37/02	36124	18	16/03	37149	10	44/02	
25670	41	38,48,49/02;4,5,13,20/03	28265	3	37/02	36125	7	4,30/03	37150	8	14,19,26,27,32,33,35,37,	
25671	18	21/03*	28281	32	36/02	36137	4	38/02			39,41,43/03	
25673	15	42/02;43/03	28282	2	35/02	36138	3	39/02;4/03	37161	14	34,43/02;1,14,19,24,41,	
25675	9	20/03*	28300	1	39,50/02	36139	4	4/03			43/03	
25677	20	32*,39/03	28302	16	33,39,40/02;12/03	36140	12	36,41/02;4,10,27/03	37162	12	21,26,27,30,32,33,35,37,	
25679	10	20/03*	28310	2	33,35,39/02	36141	7	4/03			39,40,41,43/03	
25681	16	28*,34,39/03	28320	6	33/02	36143	4	34/02;5,30,43/03	37163	19	32,43/03	
25683	18	32*,34,39/03	28325	2	5/03	36161	10	34,44,45,47,50/02;4,10,	37164	4	23,26,27,30,32,35,37,	
25685	9	22/03*	29002	9	18,29/03						43/03	
25687	12	30/03*	29015	5	16/03	36164	7	34,38,44,46/02;8,15/03	37166	2	14,19,21,26,27,30,32,33,	
25700	3	15/03	29040	3	39/03	36165	6	36,44/02;10,27,30,43/03			34,35,37,39,40,41,43/03	
25720	3	33/02	29107	2	29,36/03	36167	2	40/02	37170	11	38/02;14,19/03	
25800	3	36/02	29127	4	29,39,42/03	36173	1	40/02	37175	2	5,27,30/03	
25841	9	36/02	29141	3	29,39/03	36180	23	36,40,50/02;4,27,44/03	37180	20	38/02;27,31,35/03	
25848	25	5,13,15/03	29142	3	7/03	36181	18	36,40,50/02;4/03	37182	14	35,47,48/02;24,27/03	
25849	13	42/02;12/03				36182	6	36,40/02;27/03	37183	9	48,51/02;10,24/03	
26001	4	9/03	35000	26	47,48/02;14/03	36184	8	48/02;5/03	37184	8	48/02;5/03	
26050	1	34/02;26/03	35008	21	45,48,50/02;5,25,27/03	37000	16	41,45,47/02;5,12,13,15,	37200	15	28,30,35/03	
26060	1	49/02;42/03	35009	19	40,41,45/02;5,10,14/03	37005	23	23,28,29,30/03	37202	2	22,27/03	
26068	11	18/03	35011	2	48/02;1,25/03	37010	23	41,45,47/02;10,12,13,15,	37205	2	39/02;22,24,30,40/03	
26081	8	46/02;16,42,43/03	35036	21	36/02;10,15,27,43/03	37025	26	38,51/02;1,24,25,27,31,	37221	13	14,15,21,23,29,30,32/03	
26100	4	31/03	35040	18	45/02;4,8,10,14,21/03	37032	2	1,6,25,31,38,42,43/03	37222	13	21,22,30/03	
26122	30	22/03*	35041	8	35/02;4/03	37033	2	47/02;33/03	37223	14	42/02;21,26,27,30,32,34,	
26125	3	41/03	35042	9	44/02;4,14/03	37034	2	8,14,33,41/03			35,39,43/03	
26127	21	49/02;5/03	35044	5	35/02	37041	15	50/02	37224	11	22,23,30,37/03	
26128	50	49/02;5/03	35047	35060	14	40,41/02;10,14/03	37042	5	41,45/02	37226	17	39/02;8,9,12,14,17,21,
26129	11	41/03	35080	16	40/02	37044	16	45/02			23/03	
26142	10	33/02	35081	15	22,27/03	37045	11	45/02	37228	14	8,14,23,27,29,30/03	
26210	2	36/02	35082	7	22,27/03	37046	18	43/02;43/03	37229	15	8/03	
26218	2	31/03	35083	8	20/03	37050	9	42,46/02;10,12,17/03	37230	14	39/02;28/03	
26219	5	31/03	35084	15	50/02	37060	3	46,50/02;9,13,18,43/03	37231	18	6,10,12,14/03	
26229	11	31/03	35086	5	22/03	37061	15	36,38/02;5/03	37232	12	29,31/03	
26230	12	31/03	35088	2	50/02	37063	21	36,50/02;43/03	37234	13	7,8,31/03	
26240	7	9/03	35099	3	41/02	37075	3	5,18,43/03	37235	11	17/03	
26244	3	9/03	35100	14	40,45/02;5,30/03				37238	6	17,21,30,33,37,40,41/03	
26245	16	51/02;15/03	35101	6	41/02							
26259	2	51/02	35103	5	41/02							
26261	27	8/03	35120	13	40,45,47/02;5,30/03							
26262	3	8/03	35130	3	48,51/02;5/03							
26268	6	22,23,34/03	35135	1	5/03							

## SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 33/02 THROUGH NM 44/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

\* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
37241	17	26,27,30,32,33,35,37,39, 43/03	43079	2	41/02	44037	5	16,22/03	44221	1	19,21/03
37242	10	26,30,32,35,39,43/03	43080	4	44/03	44040	23	44/02;6,10,13,16,17,20, 22,23,24,28,30,32,44/03	44223	1	6,13,21,24/03
37243	7	27,30,32,37/03	43082	5	41/02	44041	7	48/02;1,9,10,13,16,20,23, 28/03	44224	1	49/02;5,20,21,24,42/03
37244	11	23,26,27,28,30,32,33,35, 37,39,43/03	43101	3	46/02	44042	7	44,45,49/02;4,7,9,10,11, 17,19,20,25,27,28,29, 32/03	44240	8	49,50/02;4,7,13,14,15,16, 19,21,25,39/03
37246	14	21,24,27,30,32,33,35,39, 40,43/03	43104	4	46/02	44043	8	44/02;1,6,9,10,11,13, 16/03	44243	2	5/03
37248	18	39/02;21,23,24,26,27,30, 32,35,40,41,43/03	43106	6	44/02;44/03	44044	6	6,10,13,16,44/03	44260	7	2,5,6,13,21/03
37258	4	1,11,22/03	43125	7	44/03	44045	6	22,44/03	44280	9	34,49,50/02;2,6,12,15,19, 22,34,44/03
37261	10	1,7,11,20,22/03	43127	5	20/03	44046	10	22,24/03	44281	2	49/02;12,15,19,21,22, 27/03
37262	20	1,11/03	43140	4	41,48,52/02;12,35,38/03	44047	22	44/02;10,12,22,24,30,31, 32,40/03	44282	1	49,50/02;13,17,19,21, 26/03
37264	3	1,15,22/03	43144	4	6,12,43/03	44048	11	5,12,18,22,25,27,31, 40/03	44283	2	50/02;8,21,43/03
37265	3	1,7,17,32/03	43145	4	12/03	44049	9	44,46,50/02;8,14,22,24, 30,31,40/03	44284	2	41/02;6,42,44/03
37281	15	1,15,22/03	43146	2	48/02;34,35,44/03	44051	1	44,48,50/02;1,11,14,22, 25,26,27/03	44285	1	2,15,40,44/03
37320	16	38,44/02;9,10,11,P12,15, 17,21,24,36,38,44/03	43147	3	35,38/03	44052	5	29,30/03	44286	1	2,27,40/03
37325	8	34,39,47/02;15,18/03	43148	4	43/03	44053	21	20,31,32/03	44310	5	41,42/02;7,37/03
37326	2	34,47,51/02;15,18,21, 36/03	43150	2	N34,N35,N38,N41/03	44054	1	44,48,50/02;1,11,14,22, 25,26,27/03	44313	1	41,47/02;36,37,39,40/03
37328	2	42,44/02;11,15,21,24/03	43151	6	34,35,36,38,41/03	44055	9	44,46,50/02;8,14,22,24, 30,31,40/03	44319	2	41,42/02;4,6,9,10,P20, 26,27,28/03
37330	2	34,38,40,46/02;9,13, 14/03	43152	2	41,44/02;35,41/03	44056	10	39/02;31/03	44320	4	6,8,9,15,P20,25,26,37/03
37342	3	2,11,15,21/03	43153	3	41/03	44057	22	16,17,28/03	44321	6	40/02;6,8,44/03
37343	10	45/02	43154	4	43/03	44058	23	24,32/03	44340	11	37/02;4,6,8,9,15,17,P20, 26,33,37/03
37344	11	34/02;21,38/03	43155	2	36,42/03	44059	8	28,40/03	44341	7	37,41/02;7,9,P20,26/03
37360	15	34,43/02;9,2,9,10,11,15,17, 21,24,31,36,38,39,43, 44/03	43156	5	9,44/03	44060	19	22,28/03	44342	8	37,41/02;6/03
37362	6	43,48,51/02;1,2,4,17,22, 32,33,38,39/03	43157	4	36,42,44/03	44061	7	42/02;16,17/03	44352	2	4,6,7,8,12,15,17,19/03
37363	8	48/02;4,17,32/03	43158	5	36,42/03	44062	22	16,17,28/03	44360	9	34,37,41,42/02;4,9,10,20, 27,28,30,31,32,37,39, 44/03
37367	1	38,49/02	43159	4	50,51/02	44063	8	17/03	44361	6	4,10,15,21,26,27,28, 35/03
37380	2	34,40,42,43,44,48,51/02; 9,10,17,21,38,39,41, 43/03	43160	5	44/02;41/03	44064	19	22,28/03	44365	1	7,8,26,27,43/03
37400	10	34,38,40,41,44,46/02;6, 10,20,31,34,36,41,43/03	43161	6	43,44/03	44065	7	42/02;16,17/03	44366	1	34,41/02;44/03
37401	9	44/02;4,6,13,14,16,22,31, 36,43,44/03	43162	3	41/03	44066	10	39/02;31/03	44367	2	35,37,40,42/02;6,39/03
37402	7	41,42,44,50/02;4,13, 14/03	43163	4	44/02;41/03	44067	22	40,41/03	44400	4	48/02;4,6,7,8,9,12,15,17, 19,23,24,25,27,34,41/03
37403	23	10,41/03	43164	3	48/02;37,40/03	44068	11	44/02;10,11,13,40/03	44401	7	10,12,19,24,41/03
37420	1	34,43/02;1,7,41/03	43165	2	27,37,44/03	44069	16	11,13,17,22,23,40/03	44410	4	4,6,11,12,13,14,15,23,24, 26,27,41/03
37421	8	14,21,41/03	43166	4	27,37,40,43/03	44070	7	28/03	44420	6	36,49/02;8,9,10,11,12,14, 17,22,25,27,40,44/03
37423	5	14,21,41/03	43167	5	40,51/02	44071	4	29/03	44430	2	6,10,11,14,19,24,25,40, 44/03
37443	2	38/03	43168	4	40,51/02	44072	4	40/03	44444	6	9,12,30,34,35,36,38, 41/03
37445	1	48/02;1,34,38/03	43169	5	44,47,50/02	44073	8	50/02;1,6,19,21,23,24,26, 31,34,39,40,41/03	44461	10	6,10,24,25,26,28,31, 36/03
37446	2	1,34/03	43170	4	45,50/02	44074	1	41,40,44/03	44462	4	27,39/03
37461	9	51/02;6,20,25,36/03	43171	4	44,47,50/02	44075	7	42/02;13,23,40/03	44463	9	24/03
37463	6	1,43/03	43172	5	44,47,50/02;37/03	44076	3	22,28,30,32/03	44465	2	6,25/03
37481	7	47,48/02;6,7,14,30/03	43173	2	44,47,50/02;43/03	44077	1	46/02;1,4,5,6,11,13,14, 15,20,26,31,41/03	44481	2	24,26,31/03
37501	3	46,47/02;7,8,20,33/03	43174	6	41,47/02	44078	8	31,40,44/03	51007	22	38/02;7,27,33,40/03
37505	2	46/02;7,33,41/03	43175	4	27/03	44079	6	34,45,46/02;1,2,5,7,8,9, 20,26,43/03	51013	4	38/02;7,21,33,36/03
37506	4	45,46,47,51/02;8,20, 33/03	43176	4	27/03	44080	1	46,48/02;1,11,18,22/03	51017	31	37/02;24,40,44/03
38320	3	35/03	43177	7	41/02;12/03	44081	11	9,33/03	51022	11	37/02;44/03
38528	4	N20/03	43178	7	26/03	44082	8	9,11,24,25,26/03	51061	14	1,7,15,17,19,21,22/03
38580	8	18/03	43179	4	36/03	44083	1	6,11,26/03	51062	28	15,17,19,22/03
38585	4	18/03	43180	5	39/03	44084	8	40,41/03	51064	2	52/02;1,17/03
41000	2	15/03	43181	4	41/03	44085	2	29,30/03	51081	10	5,6,13,15,17,21,22/03
41060	3	34/02	43182	2	27,37/03	44086	6	34,45,46/02;1,2,5,7,8,9, 14,20,26/03	51082	7	5,7,13,15,17,21,22/03
42003	1	N23/03**	43183	5	44/03	44087	1	5,10,13,20,21,27/03	51100	7	1,6,7,8,9,14,27,33,34, 41/03
42004	2	43/03	43184	5	45,46/02	44088	4	48,49/02;1,2,15,18,27,42, 43/03	51103	10	33,45/02
42036	2	43/03	43185	4	44/03	44089	6	48/02;1,6,8,9,10,19,20, 25,27,35,39,43/03	51104	1	33,45/02
42038	2	43/03	43186	5	43/03	44090	9	45,49/02;2,10,13,20,22, 32/03	51120	6	6/03
42160	3	7,38/03	43187	6	43/03	44091	5	5,10,13,20,21,27/03	51135	1	22/03
42301	3	38/03	43188	13	38,43/03	44092	4	48,49/02;1,2,15,18,27,42, 43/03	51142	2	6,13,15,22,33,40/03
42560	5	31,38,40/03	43189	8	45/02;17,20,40,42/03	44093	1	7,15,18,43/03	51143	4	6,40/03
42580	5	40/03	43190	1	43/03	44094	6	45,46,48/02;1,2,5,8,9,10, 15,16,25,27,29/03	51144	3	52/02;1,15/03
42600	5	14,30,40/03	43191	7	46/02;6,7,10,12,16,18,23, 24,44/03	44095	2	5,6,9,13,25,27,39,44/03	51145	2	42/02;13,22/03
42620	5	14,38/03	43192	2	38/03	44096	1	46,48/02;1,18,23,39,43, 44/03	51146	3	42,52/02;5,36/03
42640	6	38,40/03	43193	1	48/02;4,5,6,7,10,11,12, 13,15,16,17,18,23,25,26, 27,32,44/03	44097	1	7,15,18,43/03	51150	1	50,51/02;1,13,15,22,33, 40/03
42660	5	38/03	43194	1	48/02;4,5,6,7,10,11,12, 13,15,16,17,18,23,25,26, 27,32,44/03	44098	9	34,52/02;4,9,12,13,22,27, 37,43/03	51154	3	50,51/02;13,15/03
42740	5	34,41/02;6,25,31,40/03	43195	8	48/02;6,7,8,9,10,11, 12,13,15,16,17,18,23,25,26, 27,32,44/03	44099	1	33,48/02;2,5,15,25/03	51155	1	50,51/02;1,15,22/03
42742	3	6,8,30/03	43196	1	45,48/02;5,11,13,20,23, 24,26,42/03	44100	1	33,48/02;2,5,15,25/03	51158	2	6/03
42760	5	8,19,24,25/03	43197	7	46/02;6,7,10,12,16,18,23, 24,44/03	44101	1	48,52/02;4,5,7,12,13, 27/03	51159	3	47/02;39/03
42762	3	N25,N30/03	43198	1	45,48/02;5,11,13,20,23, 24,26,42/03	44102	1	48,52/02;4,5,7,12,13, 27/03	51160	20	48,50,51/02;1,4,5,6,7,14, 15,21,22/03
43000	4	9/03	43199	16	44/03	44103	2	48,52/02;2,5,7,12,13, 14,20,23,26/03	51163	4	4,43/03
43015	12	9/03	43200	2	48,49/02;1,6,7,8,9,11,13, 14,15,16,17,18,23,25,26, 27/03	44104	1	46/02;4,5,11,13,20,23, 24,26/03	51164	18	38,45,46,50/02;2,4,8, 43/03
43030	24	2,9,10,11,12,13,15,17,22, 27,28,30,32/03	43201	8	48,49/02;6,7,8,9,10,11, 12,13,14,15,16,17,18,23,25,26, 27,32,44/03	44105	1	46/02;4,5,11,13,20,23, 24,26/03	51165	8	45,50/02;2,4,8,10,14,16, 39/03
43040	6	38/03	43202	7	46/02;4,8,9,13,19/03	44106	1	46/02;4,5,11,13,20,23, 24,2			

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 33/02 THROUGH NM 44/03**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
 \* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
51167	6	45,50/02;2,4,8,10,16/03	53060	14	51/02;4,5,9,10,12,14,31, 36,39,44/03	54060	5	37/02;16/03	54464	5	17/03
51168	2	45,46,50/02;2,4,8/03	53061	10	44,47/02;12,16,17,38, 44/03	54061	11	52/02;42/03	54480	8	36,41/02;2,17,21/03
51180	5	13,16/03	53063	9	33*,37/03	54063	3	1,13/03	54481	8	36/02;33,43/03
51200	4	14/03	53064	6	33/02;10,20,39/03	54081	3	10/03	55001	4	36,37,42/02;14,15,28,29, 33,35,36,39,43,44/03
51220	8	33/02;18,43/03	53065	2	33/02;39/03	54085	2	40/02;15,24,42/03	55040	4	39,41/02;16,20,21,35,36, 39,41,42/03
51222	6	51/02;16/03	53066	2	33/02;20,39/03	54090	3	46/02*;8,15,30,42/03	55041	7	21,43/03
51223	2	17,18/03	53067	8	45,11,16/03	54095	3	46/02*;8,13,17,19/03	55042	1	42/02;17,35,37/03
51240	2	33/02;43/03	53081	8	4,5,11,16/03	54105	3	46/02*;8,13,17,19/03	55043	2	37,39,42/02;37/03
51260	4	37,50/02;16,18,28,43, 44/03	53082	13	40/02	54115	3	46/02*;15,30/03	55044	5	41,43/02;16,42/03
51261	23	5,6,13,15,19,40/03	53083	8	9,10,21,22,41/03	54120	5	37,39,41/02;15,17,19/03	55045	2	41/02;39/03
51263	23	49/02;13,17/03	53084	6	51/02;14,16/03	54125	3	46/02*;15,17,30/03	55046	4	37,38,39,41,48/02;18,19, 35,36,41/03
51341	23	48/02;6,16,34/03	53085	6	51/02;14,16/03	54140	7	41/02;15,30/03	55047	8	41/03
51342	3	1/03	53086	8	46,48/02;17/03	54151	1	3,42/03	55048	12	36,37,39,41,48/02;20/03
51344	2	5,7,16,18,44/03	53087	9	48/02;17/03	54161	12	10,20,21/03	55049	6	41,43/02
51380	5	47/02;42/03	53088	7	33/02	54165	2	33,37/02;38/03	55050	7	36,37/02;28/03
51420	5	42/03	53089	4	21,22,23,41/03	54166	3	10/03	55051	1	28/03
51440	4	42/03	53090	1	41/02	54167	2	20/03	55052	5	28,33/03
51500	6	20/03	53093	2	41/03	54168	1	37/02;10,17,38/03	55053	1	6,44/03
51540	3	22/03	53100	16	33,39,42,51/02;6,10,13, 18,20,21,24,31/03	54169	3	37/02;17,38/03	55054	3	37,48/02;6/03
51559	3	41/02	53101	7	33/02;8,13,16,24/03	54170	6	41,43,50/02;5,30,42/03	55055	7	36,37/02;6,28,29,33,34, 39,43,44/03
51580	13	41/03	53102	2	35,42/02;20,24/03	54171	2	5/03	55056	1	4,5,15,25,32,36,43/03
51600	12	20,39/03	53104	2	35,42/02;20,24/03	54172	4	43/02;20/03	55057	2	48/02;1,4,5,7,15,19,20, 25,26,27,31,35,36,38,42, 43/03
51620	10	20,39/03	53105	20	37/02;8/03	54223	2	8/03	55058	7	36,41,42/02;14,15,29,33, 36,42,43/03
51621	9	20/03	53106	6	21,33/03	54224	2	8/03	55100	8	36,37/02;6,28,29,33,34, 39,43,44/03
51641	4	32,34,40/03	53107	16	35/02;6/03	54226	2	50/02	55101	4	7,25,32,34,38,39,42, 43/03
52031	1	6,21/03	53110	1	40/02;10,15,17/03	54227	2	50/02	55102	3	4,5,15,25,32,36,43/03
52039	4	5*,7,8,9,13,14,18,21/03	53111	3	44/02*	54228	2	13/03	55103	2	48/02;1,4,5,7,15,19,20, 25,26,27,31,35,36,38,42, 43/03
52040	17	43,50/02;13,16,18,34/03	53120	14	39,42/02;5,6,7,13,17,31, 35/03	54229	4	50/02*;2,15/03	55104	2	48/02;4,5,7,14,19,31,33, 36/03
52042	6	22/03*	53122	3	40/02;7,8,16/03	54230	10	5,15,22/03	55105	7	36,41,42/02;14,15,29,33, 36,42,43/03
52043	21	46/02;6,7/03	53123	3	7,29/03	54232	1	51/02	55110	2	37/02;6,29,43,44/03
52045	6	36/02	53125	2	46,51/02;13/03	54233	5	52/02	55120	2	36/02;6,14,28,33,34, 42/03
52046	21	50/02;6,7,16,18,21/03	53130	1	42,47/02;10,13,18/03	54234	1	51/02;15,34/03	55127	2	10,14,24,27,32,36/03
52047	11	7,8,34/03	53133	4	33/03*	54235	7	5,15/03	55128	2	33,36,38/02;1,4,5,8,14, 26,27,28,32,34,43/03
52048	3	8/03	53135	2	51/02;7/03	54236	5	1/03	55129	7	33,36,37/02;6,15,27,34, 35,42/03
52051	1	43/02	53137	5	34,51,52/02	54237	8	1/03	55130	2	45/02;5,14,19,32,33,34, 39,42/03
52052	1	43/02	53141	3	36,39,42,51/02;6,7,10,13, 17,20,35/03	54238	1	21/03	55131	1	36,45/02;6,19,25,38, 39/03
52054	1	14/03	53147	3	13,15,18,20,21,29/03	54239	3	25/03	55133	3	5,14,34,36,38/03
52055	1	14/03	53160	14	51/02;3,6/03	54240	8	48/02;1,24,25/03	55135	5	41/02
52060	16	43,50,51/02;7,12,P20,26, 29,34/03	53161	8	51/02;3,8,13,18/03	54241	2	25/03	55140	2	1,5,14,29,33,34,35,36, 42/03
52061	2	45,48,51/02;7,12,20,P20, 26,29,34/03	53162	7	50/02*;15/03	54242	7	1/03	55150	2	37/02;15,36/03
52062	7	7,12,23,29,34/03	53164	9	37,51/02	54243	4	5/03	55160	2	42/02;29,41,42/03
52066	3	50/02;14,16/03	53165	13	39/02;8/03	54244	3	25/03	55161	1	17,41,42/03
52080	14	50,51/02;4,7,10,11,12,14, 20,P20,26/03	53180	10	33,34,43,51/02;1,3,6,7, 13,15,18,20,21,29/03	54245	3	25/03	55170	2	36,41/02
52082	3	45,46,48/02;11,12,20, P20,26/03	53181	4	34/02;1,13,21/03	54246	4	5/02	55180	2	33/02;1,15,29,33,36,39, 42/03
52083	2	45,46,51/02;1,16/03	53182	4	36/02;15,16/03	54247	8	48,51/02;3,4,24/03	55190	2	6,20,27,39,40/03
52084	2	45/02;4,10,11,12,14, 18,19/03	53183	13	35/02;20/03	54248	4	23/03	55200	2	8,10,20,25,26,27,28,32, 33,36,39,42/03
52085	3	50,51/02;4,11,16/03	53184	5	35/02;1,6,13,18,20,23/03	54249	10	48/02;4,5,11,12,13/03	56031	1	1,2,17,21/03
52086	2	45,50,51/02;1,4,9,11,14, 36/03	53200	6	33,36,43/02;5,6,7,15,16, 20,30/03	54250	4	51/02;37/03	56041	4	21/03
52087	1	51/02	53201	6	51/02;18,21,38/03	54251	7	52/02;26/03	56044	3	38/02
52088	2	45/02;4,10,11,12,14,18, P20,26/03	53202	6	15,17/03	54252	3	52/02	56053	1	16/03
52092	1	46,51/02;16/03	53203	11	5/03	54253	3	52/02;1,3,33,37/03	56064	6	38/02;2,16/03
52120	12	51/02;6,11,16,18/03	53204	10	44/02;5/03	54254	2	38/03	56065	3	33,38/02;16,38/03
52121	8	45,46/02;1,6,8,11,16, 23/03	53205	3	5,26/03	54255	12	52/02;20,21,34/03	56067	3	48/02*,20,38/03
52122	14	45/02;11,14/03	53206	6	5,25/03	54256	12	52/02;20,21,34/03	56081	19	41/02
52124	1	51/02	53207	7	42/02;21/03	54257	4	51/02;37/03	56082	16	29/03
52125	1	45,46/02;8,11,16,18/03	53208	1	37/02;17/03	54258	6	36/02;11,21/03	56100	14	33/03*
52140	6	48,50/02;3,12,18,29/03	53209	5	17/03	54259	4	52/02;20,21,34/03	56101	6	33/02;1/03
52141	5	48/02;41,44/03	53209	6	35,41,46,52/02;15,16/03	54260	6	42/02;3,16,18,28,34/03	56102	23	1/03
52142	2	12,18,23,29/03	53209	4	1,8,13,17/03	54261	9	16,28,40/03	56103	6	1,33/03
52143	8	18/03	53209	4	42/02;7/03	54262	10	42/02;16,18/03	56104	3	22/03*
52144	5	50/02;3,7,8,10,14,16,18, 21,23/03	53209	5	17/03	54263	7	42/02;16,18,30,39,42/03	56105	1	38/03*
52161	14	6,11,14/03	53209	3	7,15/03	54264	8	43/02;3,16,22,30,36, 37/03	56120	12	1/03
52164	2	14/03	53209	4	40/02	54265	4	52/02	57000	10	43/03
52170	3	14,16,42/03	53209	4	33,52/02;40/03	54266	4	43/02;24,30,36/03	57029	9	12/03
52172	4	20/02;1/03	53209	4	33,40/02;7,21,24/03	54267	4	43/02;3,7,16,30,37/03	57035	10	10,12,23/03
52180	14	42,43,51/02;1,8,10,13,15, 16/03	53209	4	35/02;7,15/03	54268	2	7,8,12/03	57060	7	43/03
52200	8	7,17/03	53209	6	35/02	54269	3	37/03	57063	5	40,41/02
52220	7	27/03	53209	4	22/03	54270	1	30/03*	57064	3	41/02
52221	7	27/03	53209	4	51/02	54271	4	43/02;3,7,16,30,37/03	57101	18	41/02
52223	4	27/03	53209	6	49,51/02	54272	6	42/02;15,7,8,10,15,	57103	2	16/03
52240	9	27/03	53209	2	35/02;31,43/03	54273	5	33,37/03			
53011	2	51/02	53209	3	39/02;37/03	54274	1	37,43/02;36,43/03			
53031	1	39,48/02;5,12,14,24, 31/03	53209	4	37/02;6,10,20/03	54275	4	41/02;17,38/03			
53058	2	4,37/03	53209	5	35/02;4,8,16,17,24/03	54276	6	42/02;2/03			
			54043	2	17/03	54277	5	17/03			

## SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 33/02 THROUGH NM 44/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

\* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
57120	13	43/02	62110	9	P23,26/03	62590	2	36,40,46,48/02;8,12,17, 18,21,23,30,37,43/03	71243	5	15/03*
57140	10	43/02	62140	1	34,40/02	62591	3	N36,N46,N48/02;N8, N12,N17,N18,N21,N23, N30,N37,N43/03	71247	18	5,6,8,14,17,21,22/03
57141	14	43/02	62142	10	32/03	62591	3	N51/02*,N1/03			
57142	6	43/02	62143	3	32/03	71249	2	35/02			
57160	10	43/02	62170	2	38/02	71251	11	35,40/02;1,15,21/03			
57162	7	43/02	62171	4	38,47/02	71253	10	35,40,42/02;5,6,7,13,14, 16,17,21/03			
57164	2	43/02	62191	15	11*,15,28/03	71255	6	28/03*			
57165	1	43/02	62194	8	36/02;4/03	71257	2	5,6,7,12,13,16/03			
57170	1	43/02	62195	7	19/03*	71258	2	35/02;5,6,7,13,22/03			
57200	6	11/03	62220	9	21/03*	71259	3	15*,17,19,44/03			
57220	4	11/03	62222	5	19/03*	71261	8	35/02;2,16/03			
57241	12	31/03	62225	3	37/02;17/03	71262	7	6,33/03			
57242	8	41/03	62241	10	9/03	71265	3	46*,49/02;7,13,15,16, 20/03			
57245	1	41/03	62242	11	47/02;9/03	71271	10	34,52/02;19/03			
57260	3	23/03	62250	4	34,38/02;32/03	71272	10	34/02;19/03			
57261	2	23/03	62270	4	37,41/02;29,32/03	71275	3	35/02;2,6,16,19,33/03			
57262	4	23/03	62271	5	37,41/02;10/03	71281	7	51/02;34/03			
57381	12	52/02;15,16,23/03	62290	3	37,41/02;10,21,P23, 26/03	71285	3	34,52/02;13,19/03			
57400	4	12/03	62295	3	21,P23,26/03	71295	2	34,39,40,52/02;12,19/03			
57408	2	12,24/03	62302	2	4/03	71305	2	34,36/02;2,13,23/03			
57420	3	12/03	62310	2	29/03	71311	4	7/03			
57460	4	10,12,29/03	62330	2	38,40/02	71313	8	45/02			
57471	3	12,15/03	62340	3	38/02	71314	5	6,10/03			
57472	2	12/03	62343	3	8/03	71315	2	34/02			
57480	8	12,15,23,27/03	62350	3	10/03	71320	1	35/02;5,14,33,38/03			
57482	12	24/03	62355	6	8,29/03	71325	8	5/03			
57483	11	24/03	62360	5	38/02;12/03	71330	13	35/02;5,33,38/03			
57484	19	15,23,24,27/03	62361	2	N38/02;N12/03	71331	11	5,7,8,33,38/03			
57488	6	24/03	62366	4	33/03/*	71333	2	6,7,33/03			
61000	20	10,15,23,27,31/03	62391	5	33/03/*	71335	2	8,38/03			
61020	2	27/03	62393	7	34,37,50/02	71340	11	40,46/02;2,4,5,6,7,33/03			
61036	8	7/03	62394	10	34,37,50/02	71343	3	7/03			
61040	6	10,31/03	62395	3	25/03/*	71348	3	35/02;7,23/03			
61050	4	10,15,31/03	62400	17	33/02;4,9,31/03	71349	2	23/03			
61051	7	15,24/03	62401	9	6,10,41/03	71350	8	5,6,7,14/03			
61060	5	12,27,39/03	62402	10	10/03*	71350	5	14,23/03			
61061	9	10,12,15,24/03	62404	3	6/03	71401	1	40,46,51/02;5/03			
61070	4	9,39/03	62405	8	43/03	71402	1	40,46/02;4,5,6,33/03			
61071	9	18,39/03	62406	2	33/02;28/03	71410	1	39/02;12,23/03			
61080	4	9/03	62408	7	10/03	71420	1	38,39/02;3,12,14,23/03			
61090	5	12,27/03	62409	6	7/03	71430	3	11*,20,23/03			
61091	5	12,18,24,27,35/03	62411	1	52/02	71440	2	11*,23/03			
61092	13	18,27,35,39/03	62413	12	28/03/*	71445	1	7/03			
61100	4	10,12/03	62417	1	52/02	71450	1	7/03			
61110	3	25/03	62419	6	33/02;8/03	71455	2	11*,23/03			
61111	12	25,27,34/03	62420	5	33,37,39/02;8/03	71460	1	41/02;23/03			
61112	10	35/03	62429	9	39,43/02	71470	2	38/02;14/03			
61141	6	38/02;35/03	62431	8	37/02	72000	8	35,47,50/02;2,20,21,23, 24,27/03			
61142	6	38/02;7,35,39/03	62432	16	13*,30/03	72007	10	36,38,47,51/02;2,5,7,11, 27/03			
61180	4	38/03	62433	12	34,45/02;1/03	72014	10	46/02;7,19/03			
61190	4	39,41/02	62434	9	40,46,52/02;8,12,17,18, 21,23,43/03	72021	8	36,38,47,50,51/02;7,20, 23,27/03			
61204	5	13/03	62437	10	30*,32,35,37/03	72028	7	34/02;22/03			
61300	2	7/03	62439	4	1/03	72035	8	8,21,27/03			
61310	2	33/02;7/03	62440	8	16*,41/03	72045	2	8,27/03			
61311	5	33/02	62441	10	36/02	72050	4	23/03			
61312	3	33/02	62442	6	24/03	72060	8	50/02			
61331	4	7/03	62446	3	43/03	72060	4	23/03			
61400	2	7/03	62453	4	16/03*	72075	2	9/03			
61410	2	7/03	62455	7	39,43/02	72080	7	51/02;2,9/03			
61430	2	7/03	62457	6	11/03*	72085	3	15/03*			
61433	1	7/03	62459	2	6,41/03	72094	2	38/02;7/03			
61434	2	7/03	62460	4	33/02;10/03	72100	7	7,19/03			
61435	1	7/03	62464	2	49,50/02;4/03	72103	2	4,6,7,19/03			
61440	2	7/03	62480	2	16*,18,32,41/03	72105	2	36,38/02;7,11,19/03			
61581	5	28/03	62490	2	16*,17,18,21,32/03	72107	2	7,19/03			
61582	4	28/03	62498	4	4,9,31/03	72109	3	42,44/02			
61591	4	28/03	62499	4	49,50/02;4,9,31/03	72130	4	46/02			
61610	7	34/03	62510	3	11*,12/03	72131	3	11/03			
61611	11	34/03	62512	3	N11*,N12/03	72161	10	10/03			
61612	4	34/03	62515	2	45/02	72181	2	36/02;7,11/03			
61650	3	12/03	62520	6	20*,28,32,41/03	72190	2	10/03			
62000	20	46/02	62521	4	N20*,N28,N32,N41/03	72201	8/03				
62001	5	11*,28/03	62530	6	20*,28,32/03	72211	6	43/02;5,8/03			
62024	13	38,40/02;29/03	62531	4	N20*,N28,N32/03	72223	8	27/03			
62028	15	10/03	62540	6	34,40,45,48,50,52/02;8, 12,17,18,21,30,35,43/03	72231	8	21/03			
62032	16	11*,17,21,41/03	62541	3	N34,N40,N45,N48,N50,	72234	2	18,19/03			
62033	3	N11*,N17,N21,N41/03			N52/02;N8,N12,N17, N18,N21,N30,N35, N43/03	72236	1	9,12/03			
62046	3	19/03*				72236	1	9,12/03			
62050	6	44/02				72236	1	9,12/03			
62092	7	41/02				72236	1	9,12/03			
62093	7	41,49/02	62550	3	16*,28,32/03	73000	9	40,52/02;10,20,21/03			
62095	3	11*,32/03	62560	4	16*,18/03	73002	4	5,11/03			
62097	6	38/03*	62570	4	33,34,36,40,45,48/02;8, 12,17,18,30,35,37,43/03	73004	4	10/03			
62098	7	33/03*				73008	8	11,13,23/03			
62100	6	P23,26/03	62580	3	33,45/02;12,35/03	73012	6	11/03*			

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 33/02 THROUGH NM 44/03**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
 \* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
73014	10	48,52/02	74265	2	38,41,43,47,49/02;7,9,16,	75160	6	17,18,19,25,32/03	82683	4	33/02;17/03
73016	4	44/02			21,30/03	75170	12	38,39/02;8,25,38/03	82684	3	33,38/02;7/03
73020	9	9,21,22/03	74270	3	38/02;7,38/03	75171	22	33,36,38,40,42,48,52/02;	82689	3	38/02;17/03
73024	3	39/02	74271	9	38,46/02;19,26,27,29,30,			1,6,16,26,35,38,40,44/03	82694	6	38/02;17/03
73030	4	22/03			38/03	75172	5	39/02	82697	6	38,46/02
73032	4	9,22/03	74272	7	4,19,29,30/03	75173	9	33,36/02;1,6,20,26,35,38,	83010	6	6/03
73041	2	5/03	74273	5	38,41,43/02;7,19,27/03			40/03	83020	8	24/03
73191	3	7/03	74281	7	3,30/03	75175	9	33,38,40,45,50/02;6,	83021	1	43/02
73271	7	13/03	74283	2	46,49/02;27/03			18/03	83023	4	43/02
73552	4	34,45/02;1,7,9,10,38/03	74285	2	34,35,45/02;1,9,16,38/03	75176	9	42,50/02;25,26,32,40,	83025	1	12/03
73570	7	34,45/02;1,10/03	74286	2	29,35/03			44/03	83026	32	41/02;6/03
73580	4	52/02;43/03	74287	2	34,38,52/02;9/03	75177	7	38,48,50,52/02;6,26,	83039	11	41/02;6/03
73581	4	52/02;3,43/03	74289	5	9/03			38/03	83251	2	2,12/03
73590	6	47,52/02;36,43/03	74290	11	34,39,45,46,48,49,51/02;	75180	2	8,25,38/03	83252	8	2,12/03
73601	3	34,35,47/02;43/03			1,7,9,10,16,27,30,38/03	75185	2	47/02;8,36/03	83253	2	12/03
73631	4	36,46/02;1,17,40/03	74292	8	34,38/02;9,27/03	75190	2	47/02;25,36/03	83397	6	1/03
73640	5	36/02;16,40/03	74293	7	34,45,48/02;9,16/03	75191	6	37,38,43,47/02;8,19,30,	83425	6	35/02
73650	5	40/03	74294	3	34,45/02			34,36,38/03	83473	7	37/03
73653	1	40/03	74295	3	4,9,27,29,35/03	75193	6	49/02;1,5,7,10,16,19,	83484	10	23,42/03
74000	6	36,47/02;2,7,18,41/03	74296	4	34,38,49/02;9,27/03			35/03	83574	2	7/03
74002	2	35,47/02;31/03	74320	3	35/02;8,18,41,43/03	75207	2	36,52/02;4,16,33,37,	83580	2	8/03
74003	5	47/02;7,10,31,34/03	74340	3	16/03			43/03	91005	6	45/02;19,42/03
74004	2	35,37,39,47/02;9,30/03	74350	4	16,44/03	75208	2	50/02;30,33/03	91008	1	44,48/02;8,10,12/03
74005	2	34,35,46,47,51/02;4,7,9,	74376	5	43/02;9,16,44/03	75213	2	36,52/02;33,38/03	91010	6	48/02;10,12/03
74007	1	36/02	74380	4	8,9,26/03	75215	2	36,39,40,52/02;7,33,	91020	5	19/03
74008	6	51/02	74391	3	26/03			38/03	91030	3	42/03
74009	10	38,49/02;8,9,21,36,44/03	74393	9	38,41,50/02;3,39/03	75220	12	36,39,49/02;4,20,26,	91170	2	38,41,44/02
74012	10	37,40,49/02;6,8,19,20,27,	74394	2	41,49,50/02;3,39/03			39/03	91280	7	19,43/03
74015	10	40/02;21,31,36/03	74410	3	38/02;7,03	75222	8	35,40/02	91289	19	43/03
74016	3	27,42/03	74415	1	39/02	75240	4	36,39/02;2,4,27,39/03	91294	8	19/03
74017	4	37,45/02;18,31,38/03	74420	3	45/02;19,27,30/03	75241	6	34,36/02;26,35/03	91297	9	19/03
74018	6	44/02	74430	2	49/02	75251	5	33,48/02;3,19,37,40/03	91331	3	42/03
74020	4	33,37,38,43/02;5,18,31,	74440	3	39/02;2/03	75261	6	33,36,38/02;3,6,26,31,	91340	3	42/03
74021	7	33,35,39,44/02;7,10,26,	74450	3	49/02;2,37/03			38/03	92006	5	45,46/02;5/03
74024	7	44/02;36/03	74455	3	48/02;1,4,38/03	75262	6	38/02;16/03	92025	3	42/03
74027	9	43,44/02;39/03	74457	2	8/03	75263	9	5,26,31/03	92030	4	42/03
74030	6	51/02;42/03	74475	2	44/02;42/03	75264	17	33,34,37,41,42,44,45/02;	92033	5	45/02
74051	2	42/03	74480	2	44/02			2,27,32/03	92150	3	43/03
74053	2	51/02	74485	3	43/02	75265	2	6,20,31,32,38,40/03	92160	3	43/03
74151	9	36,44/02;2,20,29,40,	74493	3	38,43,45/02	76015	1	35,40/02;28/03	92170	3	43/03
74152	11	36,44/02;27,30,34/03	74494	2	41/02;8,9,16/03	76030	9	49/02	92290	2	19/03
74153	2	36,44/02;2,27,41/03	74510	2	33,35,37/02;5,10,17,18,	76050	8	49/02;18,28/03	92296	3	19/03
74162	4	36,46,47/02;8/03	74515	4	33,35,39/02;4,7,10,31,	76083	3	1,37/03	92410	3	42/03
74171	4	33,36,47/02;3,10,18,20,			35/03	76140	7	46/02	92450	3	42/03
74172	5	36,47/02;7,10,18,40/03	74517	3	39,41/02;4,31/03	76141	8	46/02;28,37/03	92560	4	45/02
74181	8	33,35,37,38,39,47/02;10,	74521	3	41/02	76142	1	46/02;37/03	93006	2	39,45/02;4,8,10,43,44/03
74182	12	33,35,37,38,39,41,42,44,	74530	2	44/02;36/03	76144	1	28/03	93010	6	38,40,41/02;2,13,14,18,
74183	11	38,39,42/02;4,6,17,25,	74535	2	42,44,48/02;36,38/03	76146	1	28/03			
74184	10	33,35,37,38,46,48/02;17,	74545	3	40/02;18,32/03	76147	1	28/03			
74186	7	34/02;4,10,17,21,27,30,	74550	4	5,32/03	76150	6	35/02			
74190	7	35,36,37,46/02;1,16,31,	74555	3	34,43,44,48,51/02;5/03	76160	10	40/02			
74191	2	35,46,48/02;1,7,9,29/03	74560	10	40,43,46,48,50/02;4,5,18,	76161	10	40/02			
74192	3	35,46/02;1,40/03			31,32/03	76162	1	18,28/03			
74200	8	37,46/02;1,8,32,40/03	74561	2	5/03	76163	7	28/03			
74201	9	32/03	74568	9	34,36,40,41,43,45/02;27,	76164	1	28/03			
74202	3	1,27/03			31,39/03	76165	4	28/03			
74204	5	37/02;1,7,8,32,40/03	74572	2	41,42,50/02	76166	8	28/03			
74205	2	27,32,35/03	75000	6	47/02;6,31/03	76167	7	28/03			
74206	2	34/02;27,32,35/03	75001	3	47/02;5,6,31,32/03	76168	1	28/03			
74210	7	7,17,37/03	75010	7	41,42,50/02	76169	3	37*,43/03			
74220	8	35,47,51/02;30,37/03	75025	9	36,39/02;2,4,8,25,27,36,	76171	6	31/03			
74221	2	35,51/02;30,38/03	75035	18	36,39/02;2,6,26,27/03	76175	4	31/03			
74222	2	33,37,43,47/02;18,26/03	75051	6	5/03	81054	13	14*,27,28/03	93240	11	34/02;16,24/03
74223	7	39,42/02;5,7,36/03	75110	2	50/02	81060	2	43/03	93241	9	8,16,25/03
74224	7	35/02;3,21,36/03	75120	2	42/02	81067	5	51/02;10,12,16,25/03	93243	6	42/02
74225	9	5,7,21/03	75130	16	34,41,50,51/02;5,7,8,16,	81076	10	41*,44/03	93244	7	16/03
74226	1	8,17/03			38,39/03	81092	3	38*,50/02;32/03	93245	6	16,24/03
74227	8	34,39,42/02;4,5,7,8,9,	75131	7	17,39/03	81711	6	31/03	93260	6	7,18/03
74228	4	41/03	75132	11	17,19,25,29,32,35/03	82005	5	17/03	93280	4	18/03
74229	8	34,37,42,44,46,51/02;6,9,	75134	3	33,51/02;5,19,29,37/03	82010	6	17,39/03	93360	5	38/02
74230	7	17,21/03	75142	5	36,42,50/02;35/03	82015	13	39/03	93520	13	45/02;15/03
74231	7	35/02;3,21,36/03	75143	4	33,36,38,42,50/02	82020	7	39/03	93610	3	44,45/02;6/03
74232	9	5,7,21/03	75144	3	33,36,42,51/02;4,10,18,	82192	6	43/03	93650	2	44/02;6,24,28/03
74234	1	8,17/03			19,25,26,37/03	82200	2	17,41/03	93652	2	3,6,24/03
74240	8	34,39,42/02;4,5,7,8,9,	75145	2	41/03	82210	2	42,48/02	93680	3	45,47/02;24/03
74245	8	34,37,42,44,46,51/02;6,9,	75146	4	33,36,38,42,50/02	82215	2	41/03	93690	2	44/02;6/03
74251	8	17,21/03	75147	5	36,42,50/02;35/03	82244	1	35,48,50/02	93698	3	45/02;28/03
74252	9	47/02;5,7,9/03	75148	3	33,36,42,51/02;4,10,18,	82253	7	35,48,50/02;20,39/03	93710	3	6,15,43/03
74253	6	47/02;8,9,16,20,21,30/03	75149	2	25,30,38/03	82280	5	33/02	93720	10	39,45,50/02;8,15,17,20,
74261	9	41,49/02;4,10,30,39/03	75150	5	50/02;16,19,26/03	82649	5	33/02	93721	5	24,28,42,43,44/03

## SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 33/02 THROUGH NM 44/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

\* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
93725	6	45/02;24/03	95066	11	41,43,44,47,48,49,50/02;1,5,6,17,19,21,23,25,27,31,32,33,37/03	95255	2	44/02;1,7,13/03	97104	4	7,41/03
93726	4	48/02;8,12,17/03	95067	13	41,44,46/02;1,5,10,17,23,28,37/03	95258	3	6,16,18/03	97105	3	41/03
93730	3	39,40,42,45,47,50/02;2,4,17,24,28,31,41,42,43/03	95068	1	41,42,45,47/02;12,14,17,25,28,37/03	95261	7	48/02;1,5,9,16,23,28,36/03	97108	3	21,25,26/03
93733	13	39,45/02;4,19,20,25,40,41,44/03	95080	13	33,40,44,45,50,52/02;1,6,7,9,10,14,17,19,21,24,25,27,28,30,31,32/03	95262	13	41,46/02;1,6,9,27,36/03	97120	6	37,40,42,43/02;9,14,16,17,25,40,44/03
93734	11	45/02;4,19,20,25,40/03	95082	9	33,44,46/02;1,4,7,11,17,25,27,28,30/03	95264	8	48/02;25/03	97140	17	33,37,39,43,45/02;7,9,14,16,25,40,44/03
93736	22	41/02;4,20,25,40,41/03	95083	8	33/02;1,4,19,28/03	95267	5	13,20,23,26,36/03	97141	5	40,46/02;8,13,20/03
93778	8	47/02;7/03	95084	7	50,52/02;8,12,17/03	95268	16	39,48/02;6,9,13/03	97143	11	43,45/02;9,13,20,25,26,44/03
94004	6	33,37,44,52/02;8,9,10,12,17,18,42/03	95085	4	45,52/02;1,6,11,12,27,33/03	95270	4	48/02;9,10,13,20,21,22,23,26,36/03	97144	14	44*,46/02;7,8,9,13,20,39,44/03
94016	2	33,35,52/02;3,9,10,14,17,21,33/03	95086	5	45,52/02;1,6,8,11,12,23,27,31,33/03	95271	4	44,48/02;9,10,12,13,20,26,36/03	97145	1	43/02;8,9,25,40/03
94028	7	40,42,52/02;1,6,7,8,9,11,14,17,21,24,27,31,33,40/03	95087	3	33,40,48/02;1,8,30,31/03	95273	2	48/02	97146	10	44/02*;15,39/03
94033	5	19,21,23,29,42,44/03	95100	12	38,39,43,44,45,46,47,50,52/02;1,4,6,7,8,9,10,17,23,25,27,28,29,31,37/03	95274	3	48/02;23,28,36,43/03	97148	9	45/02;9,27/03
94040	13	37,47,51/02;6,8,10,17,18,28,31,43/03	95101	8	39,44,50/02;1,5,6,9,14,17,28,31/03	95280	9	48/02;8,20,26/03	97149	20	34,35,44,45/02;1,16,25/03
94042	9	47,51/02;7,18,24,43/03	95102	8	38,42,45,46,47,48,50,52/02;1,4,5,8,13,14,17,23,25,27/03	95281	15	7,10,14,36/03	97150	13	34,39,43,44/02;20,27,42/03
94060	10	33,37,46,47/02;7,8,10,12,14,15,18,24,31,42/03	95103	8	42,43,45,47,52/02;4,6,7,10,12,19,27,28,31/03	95282	7	46,52/02;4,6,9,19,20,22,23/03	97151	16	35,44,45/02;12,13,14,16,20,25/03
94061	5	33,35,47/02;23,41,42/03	95104	8	39,44,50/02;1,5,6,9,14,17,28,31/03	95341	8	42,47/02;1,10,40,44/03	97152	8	37/02;20/03
94063	4	33,41/02;8,18/03	95105	8	38,42,45,46,47,48,50,52/02;1,4,5,8,13,14,17,23,25,27/03	95342	16	9,13,16,20/03	97153	7	16,20/03
94067	10	33/02;10,11/03	95106	8	42,43,45,47,48,50,52/02;1,4,5,8,13,14,17,23,25,27/03	96004	14	44,45/02	97154	2	36/02
94080	7	33,44,48/02;10,19,22,32/03	95107	8	42,43,45,47,52/02;4,6,7,10,12,19,27,28,31/03	96006	3	38/02;34/03	97155	14	35,36,37,39,40,48/02;12,13,18,20,28/03
94082	8	44/02;8,19,22/03	95108	8	42,43,45,47,52/02;4,6,7,10,12,19,27,28,31/03	96036	2	36/03	97156	6	37/02;1,14/03
94083	12	44/02	95109	7	42,43,52/02;1,4,14,21,26/03	96037	7	23,44/03	97157	2	40/03*
94120	6	33,38,48,52/02;9,10,17,18,21/03	95110	8	38,42,45,46,47,48,50,52/02;1,4,5,8,13,14,17,23,25,27/03	96041	11	39,44/03	97158	4	25/03
94122	7	40/02;35/03	95111	8	45,46,48,49,50,52/02;8,16,17,19,23,24,25,27,28,30,35,36/03	96042	11	10,21,39,40,44/03	97159	6	33,39/02;7,14,16,44/03
94123	9	33,38,42,44,52/02;9,10,15,17,18,28/03	95112	7	42,43,52/02;1,4,14,21,26/03	96044	10	23,38/03	97163	14	14,36/03
94124	13	38,42,44/02;10,15,17,25,28/03	95113	8	45,47,50,52/02;1,6,7,8,9,10,12,16,17,18,23,25,27,28,30,35,36/03	96045	10	21,39,40,44/03	97164	1	7,14,16/03
94127	2	33,38/02;6,9,13,16,18/03	95114	15	38,40,41,44,48,49,52/02;1,5,7,8,9,10,17,21,24,25,27,29,33,37/03	96046	1	10/03	97165	1	7,16/03
94160	7	33,38,44,46,47,50,51,52/02;9,10,12,16,17,18,19,28,31,41,42/03	95115	9	50,52/02;8,10,19,23,29/03	96047	1	33/02;21/03	97166	1	33/02;21/03
94164	2	46,50,51/02;12,16,19,41,42,43/03	95116	11	40,45,47,48,49,50/02;1,5,6,7,8,9,10,11,12,13,16,21,23,24,27,29,33,37/03	96048	2	10/03	97167	2	33/02;21/03
94165	4	50/02;18,24,43/03	95117	8	45,47,48,49,50,52/02;1,6,7,8,9,10,11,12,13,16,21,23,24,25,27,29,33,37/03	96049	4	12/03	97180	6	34,39,43,45,46,48/02;4,8,13,20,22,26,44/03
94180	9	42,44,47,50,51/02;23,28,44/03	95118	14	36,38,39,40,41,44,46,47,48,49,50,52/02;1,8,9,16,21,23,24,31,32,33,35,37/03	96050	6	41/02;10,39/03	97181	20	34,46,48/02;1,4,7,8,12,13,14,17,18,20,22,23,26,27,35,44/03
94184	2	N51/02	95119	9	38,41,44,46,48,50,52/02;1,6,8,9,10,11,13,16,21,23,24,35,37/03	96051	7	10/03	97182	13	34,39,46,48/02;1,4,5,6,7,8,12,14,17,18,20,21,22,23,27,35/03
94187	3	14,23,36/03	95120	11	40,45,47,48,49,50/02;1,5,6,7,8,9,10,11,12,13,16,21,23,24,25,27,29,33,37/03	96052	3	21/03	97183	9	44/02;5,9,14,16,18,22,26,43,44/03
94188	2	44,46,47,51/02;8,28/03	95121	14	36,38,39,40,41,44,46,47,48,49,50,52/02;1,8,9,16,21,23,24,31,32,33,35,37/03	96053	5	10/03	97184	15	47/02;1,7,12,14,18,22,39,44/03
94201	1	51/02;24,28/03	95122	5	34,36,37,38,41,43,48,49,50,52/02;8,9,19,24,25,27,30,32,35/03	96054	5	10/03	97185	2	43/02;1,7/03
94203	10	41,42,44,46,47,52/02;10,11,24,41,42/03	95123	17	34,36,37,38,40,47,50/02;1,5,15,19,23,28,29,30,37/03	96055	3	34/03*	97186	3	44,48/02;9,18/03
94206	3	41,42,44,47,52/02;11,19,44/03	95124	13	39,41,44,45,46,47,48,49,50/02;1,5,9,15,19,23,25,28,29,31,32,35,37/03	96056	7	17/03	97187	2	44,48/02;9,18/03
94207	5	N42,N44,N47,N52/02;N11,N19/03	95125	5	37,38/02;6,9,19,28,30,31,32,35/03	96057	3	17/03	97188	2	1,7,13,17,20,22,27,35/03
94208	6	N44/02	95126	17	34,36,37,38,41,43,48,49,50,52/02;8,9,19,24,25,27,30,32,35/03	96058	3	17/03	97189	2	44/02;9,14,18,22,39,43/03
94216	6	45/02;10,17,42,44/03	95127	17	34,36,37,38,40,47,50/02;1,5,15,19,23,28,29,30,37/03	96059	1	10/03	97190	2	34,39,52/02;8,13/03
94217	4	6/03	95128	5	37,38/02;6,9,19,28,30,31,32,35/03	96060	2	45/02	97200	9	52/02;8,16,17,22,25,26,29/03
94218	3	36/02;6,18/03	95129	5	37,38/02;6,9,19,28,30,31,32,35/03	96061	2	40/02	97201	7	18,28/03
94219	1	47/02	95130	17	34,36,37,38,43/02;19,25,27,30,32,35/03	96062	2	40/02	97202	15	43,44,52/02;20,25/03
94220	4	41,42,47,49/02;8,10,11,17,18,33,44/03	95131	13	41,42,47,52/02;1,6,8,9,11,17,21,24,25,27,33,36,40/03	96063	2	41/02	97204	9	45,52/02;4,6,10,19,20,25,33,43/03
94260	5	49/02;1,6,11,31/03	95132	16	40,45,48,50/02;1,5,6,8,9,10,17,19,23,25,27,30,37/03	96064	8	21,22/03	97205	3	18,28/03
94280	5	51/02;15,32/03	95133	16	40,45,48,50/02;1,5,6,8,9,10,17,19,23,25,27,30,37/03	96065	21	45/02;22/03	97206	2	23/03
94281	6	6,42/03	95134	16	40,45,48,50/02;1,5,6,8,9,10,17,19,23,25,27,30,37/03	96066	3	47,9,22/03	97218	3	41/02;6,33/03
94282	9	46/02;8/03	95135	5	37,38/02;6,9,19,28,30,31,32,35/03	96067	8	47,9,22/03	97219	4	6,9,13,20,23,25/03
94283	7	46/02;2,8,12,32/03	95136	2	16,9,10,13,14,17,21/03	96068	3	47,9,22/03	97220	3	37,39,42,43,44,45,49,52/02;6,8,9,17,18,23,29,33/03
94290	2	1,7,31/03	95137	4	43,48/02;1,6,9,27/03	96069	21	45/02;22/03	97221	20	37,39,42,44,45,49,52/02;6,8,9,10,13,17,18,19,20,22,23,25,26,29,33/03
94322	14	8/03	95138	10	44/02;1,6,9,11,14,17,21/03	96070	5	43,47/02	97222	12	47/02;10,22,29/03
94360	6	43/02;6,13/03	95139	2	40,44,47,52/02;10,14,19,30,35/03	96071	9	45,47/02;10,12,22,23/03	97223	3	42,44,48/02;16,17,22,23/03
94361	13	13,15/03	95140	2	44,45,49,52/02;11,16,23/03	96072	3	17,40/03	97224	6	46,47,49/02
94363	4	43/02;16,18,29/03	95141	1	1,6,9,21,37/03	96073	2	14,20/03	97225	31	37,39,42,44,45,49,52/02;6,8,9,10,17,18,19,20,21,22,23,24,25,26,29,33/03
94380	4	4,5N,6,N18/03	95142	1	1,6,9,21,32/03	96074	8	46/02;12,14,22,26/03	97226	7	18,41/03
94384	3	5/03	95143	1	1,6,9,21,32/03	96075	3	52/02	97227	11	42,43/02;9,18,30,34/03
94420	3	39/02;4,8,11,13,14,23,42,44/03	95144	2	44,45,49,52/02;11,16,23/03	96076	12	44/02;6,10,22,26,34,35/03	97228	15	39,40,42,43/02;5,6,9,15,17,18,20,21,22,27,29,35/03
94421	10	45/02;4/03	95145	1	1,6,9,21,37/03	96077	2	14,20/03	97229	12	36,39,47/02;6,8,9,18,28,33/03
94423	12	45/02;11/03	95146	1	1,6,9,21,32/03	96078	8	16,22,26/03	97230	18	36,52/02;6,9,28,33/03
94440	2	46/02;18/03	95147	1	1,6,9,21,32/03	96079	5	46/02;16,34/03			

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 33/02 THROUGH NM 44/03**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
 \* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.		
97234	17	43,47,49/02;1,6,8,9,16,41/03	97472	8	34/02;33/03		
97236	20	47/02;9,16,23,35,41/03	97474	7	22/03		
97237	6	41/03	97480	7	35,52/02;3,9,10,17,18,21/03		
97239	10	33/02;1,5,9,16,23/03	97481	6	47,49/02;9,18,20/03		
97241	6	10/03	97483	7	48,52/02;20/03		
97243	8	33,48/02;1,5,6,21,27,33/03	97521	6	42/02;16,18,20/03		
97244	5	9/03	97564	3	16/03		
97245	11	36/02;1,5,9,29/03	800744	1	N49/02;N5,N12,N13,N16,N36/03		
97246	7	43,52/02;5/03	801217	1	N6,N8,N19,N20,N22,N33,N37/03		
97251	4	6,10,17,36/03	801885	3	N34/03		
97261	15	41/02;1,5,7,18,21,26,44/03	801902	9	N25,N31/03		
97262	10	34/02;1,5,6,7,15,21,26,33/03	801953	1	N39/03		
97263	10	5,7,9,15,18,21/03	802202	8	N35/02;N1,N7/03		
97266	5	37,41/02;1,5,6,7,14,15,18,26,42/03	804059	2	N43/03		
97267	16	40,41/02;1,5,6,8,10,13,18,26,27,42/03	804567	4	N31/03		
97268	10	6/03	805118	3	N12,N36/03		
97269	11	45/02;8,13,18,27/03	805647	2	N37,N51/02;N30/03		
97270	6	36,44/02;1,5/03	806927	8	N25,N30,N39/03		
97271	12	37,39/02;6,10,12,26,35,41,44/03	807370	5	N17,N25,N30,N31,N39/03		
97272	11	52/02;6,10,12,14,23,37/03	807861	2	N22/03		
97273	11	34/03*	808365	2	N14/03		
97274	19	34,39,45/02;6,9,15,17,18,23,37/03	809055	7	N16/03		
97276	1	40/02;9/03	809310	9	N39/02		
97277	11	1,5,6,8,9,14,35,39/03	809679	2	N50/02;N12,N27/03		
97278	11	39/02;1,20,35,39/03					
97279	9	9,27/03					
97280	4	52/02					
97281	2	41/02					
97283	3	45/02;9/03					
97285	6	34,42/02;7,13,17,36/03					
97286	6	34,35,36,41,42/02;6,8,10,13,17,35,36,38/03					
97287	5	34/02;20/03					
97300	6	1,13,25,26/03					
97303	3	47,48/02					
97320	6	33/02;14,25/03					
97340	8	33,38,52/02;16,17,18,22,36/03					
97341	9	34/02;16,21/03					
97342	14	38/02;17,18,22,27,43/03					
97343	12	38/02;17,25/03					
97360	6	38/02;5,7,13,18,27,43/03					
97380	7	39,47,52/02;1,2,8,16,23,38,40/03					
97381	7	7,13,27,43/03					
97382	2	41,45/02;4,42/03					
97383	16	5,7,13,42/03					
97384	4	47/02;19/03					
97385	10	52/02;5,6,7,9/03					
97387	2	4,5,7,42/03					
97389	1	39/02;42/03					
97390	5	39,40/02;2,5,12,16,36/03					
97391	26	6,7,12,16/03					
97392	5	1,21,23,26,33,38/03					
97396	14	36,39,40/02;2,16,17,23,33,38/03					
97397	7	39,49/02;16,26,44/03					
97398	4	43/03*					
97400	4	34*,44/03					
97410	8	17,19/03					
97412	7	40/02					
97420	17	34,39,42,47,52/02;1,8,10,33,38,40/03					
97421	13	35,36/02;1,10,13,20,26,36/03					
97423	2	35,36/02;1,13,20,26,36/03					
97425	6	34,39,47,52/02;1,6,8,10/03					
97440	8	52/02;1,16,19,27,43/03					
97441	5	46/02					
97443	6	15,19,25/03					
97460	7	40/02;5,19,21/03					
97461	9	5,8,19,21,22,23,26/03					
97465	9	1,6,8,19,20,22,33,37/03					
97466	2	46/02;1,23,27/03					
97469	10	1,6,8,19,20,22,33,37/03					
97471	5	N22,N33/03					

## SECTION II

NM 44/03

## NIMA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.					Edition		Price Category	Page(s)	NTM
NIMA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date					
	REGION 1								
12AHA12248 (7642014010317)	<u>James River-Newport News to Jamestown Island</u> <u>Continuation of Nansemond River</u> <u>Insets: Back River</u> <u>College Creek</u> <u>(Insets not shown on index)</u>	40,000 40,000 20,000 20,000	40	9/03	NOS	1-21,94	44/03		
12AHA12333 (7642014010336)	Kill Van Kull and Northern Part of Arthur Kill	15,000	33	9/03	NOS	1-95	44/03		
	REGION 2								
25AHA25649 (7642014012032)	<u>Saint Thomas Harbor</u>	10,000	19	8/03	NOS	2-40,63	44/03		

Price Categories effective 1 October 2002

A	17.75	E	9.00	G	4.50	I	26.25
D	10.75	F	9.00	H	2.50	R	2.50

CHS Canadian Hydrographic Service

DS Distribution Limited

GPO Government Printing Office

NOS National Ocean Service

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**SECTION II**  
**NAVIGATION PUBLICATIONS**

NM 44/03

**SAILING DIRECTIONS CORRECTIONS**

<b>PUB 120</b>	<b>2 Ed 2001</b>	<b>LAST NM 42/03</b>
Page 35—Line 2/L; insert after:		
<b>Cautions</b> (NIMA)	<b>35</b> 44/03	

Page 35—Line 23/R; insert after:

**Cautions**

The Canadian Coast Guard's Marine Communications and Traffic Services (MCTS) is in the process (2003) of installing Automatic Identification System (AIS) equipment at selected radio sites associated at MCTS Centers (Comox) for testing purposes. The AIS equipment is in an operational test status. Mariners may observe an AIS ICON identifying a shore-based station on their AIS display.  
(Can NM 8W/03, Section 3) 44/03

<b>PUB 124</b>	<b>8 Ed 2001</b>	<b>LAST NM 39/03</b>
Page 9—Line 31/L; insert after:		

A bridge, with a vertical clearance of 41m, crosses the Suriname River about 1 mile upstream of Paramaribo, as seen on the chart.

When vessels approach the bridge, they shall have both anchors cleared and crewman standing by to employ them if needed.

(US NM 32/01) 44/03

<b>PUB 172</b>	<b>9 Ed 2001</b>	<b>LAST NM 43/03</b>
Page 216—Line 42/L; read:		

7.3m, is marked by a lighted buoy at the N end of an atoll-like

(US NM 41/62440/03) 44/03

Page 217—Line 60/L; read:

and W of Creagh Shoal Lighted Buoy, W of Dalma Lighted Buoy,

(US NM 41/62440/03) 44/03

Page 217—Line 7/R; read:  
Lighted Buoy are intended for local traffic of light draft, and  
(US NM 41/62440/03) 44/03

<b>PUB 180</b>	<b>3 Ed 2002</b>	<b>LAST NM 42/03</b>
Page 85—Lines 47 to 50/R; read:		

Pilotage regulations apply, with minor exemptions, to all coastal  
(BA NP 286(2)) 44/03

Page 87—Lines 12 to 13/L; read:  
Measurement.  
(BA NP 286(2)) 44/03

Page 87—Line 31/L; read:  
e-mail. Requests should include:  
(BA NP 286(2)) 44/03

**COAST PILOT CORRECTIONS**

<b>COAST PILOT 3</b>	<b>36 Ed 2003</b>	<b>Change No. 17</b>
		<b>LAST NM 43/03</b>

Page 214—Paragraph 218, lines 2 to 3; read:  
from Delaware River to Lobdell Canal and 38 feet in a turning basin opposite the Wilmington Marine ...  
(19/03 CG5) 44/03

Page 227—Paragraph 414, lines 4 to 7; read:  
mouth of the creek. A fixed highway bridge (I-295) crosses Crosswicks Creek at Mile 0.0 and has a clearance of 35 feet.  
(CL 1022/03) 44/03

Page 267—Paragraph 39, line 6; read:  
has a width of 30 feet and a clearance of 8 feet. In August 2003, a replacement fixed highway bridge was under construction with a design clearance of 17 feet. An overhead ...  
(32/03 CG5; CL 1518/03) 44/03

Page 284—Paragraph 126, lines 3 to 4; read:  
mile eastward of **Mile Creek** entrance. In October 2002, the reported controlling depth was 8.9 feet in the ...  
(DD 3807) 44/03

Page 284—Paragraph 128, lines 3 to 4; read:  
Locklies Creek. In October 2002, the channel had a reported controlling depth of 1.4 feet.  
(DD 3807) 44/03

Page 288—Paragraph 191, lines 3 to 4; read:  
Great Wicomico River Light. In August 2002, the reported controlling depth was 8.3 feet through the entrance, thence 6.0 feet ...  
(DD 4173) 44/03

Page 288—Paragraph 192, lines 3 to 4; read:  
channel, marked by daybeacons, in August 2002 had a reported controlling depth of 5.5 feet. Greater depths are inside.  
(DD 3954) 44/03

Page 318—Paragraph 99, line 5; read:  
daybeacon marks the shoal extending 0.4 mile south of the ...  
(20/03 CG5; LL/03) 44/03

Page 328—Paragraph 17, line 5; read:  
low water; a light marks the entrance.  
(23/03 CG5; LL/03) 44/03

**COAST PILOT 3 (Continued)**

Page 342—Paragraph 216, line 7 to Paragraph 217, line 1;  
read:  
be obtained in town.

**Chart 12270**

**Eastern Bay**, the approach to Claiborne, St. Michaels, ...  
(NOS/03; DOLE/03) 44/03

**COAST PILOT 4        35 Ed 2003        Change No. 15  
LAST NM 42/03**

Page 280—Paragraph 115, line 7; read:  
southeastward of Harvey Point. A depth of about 8.8 feet can  
be ...  
(DB 1553) 44/03

Page 348—Paragraph 80, line 4; read:  
21 highway bridge in May 2001; thence in June 2003, 5.4  
feet ...  
(DB 1789) 44/03

Page 366—Paragraph 88, lines 8 to 9; read:  
entrance from seaward without local knowledge. In March  
2003, the reported controlling depth was 10.5 feet from ...  
(DB 964) 44/03

Page 370—Paragraph 146, lines 6 to 10; read:  
an alternate route of the Intracoastal Waterway. In March  
2003, the reported midchannel controlling depth in Frederica  
River was 6.5 feet.  
(DB 964) 44/03

Page 461—Paragraph 132, lines 4 to 6; read:  
connect the waterway with Little River Inlet. In August  
2003, a reported controlling depth of 8.3 feet was available  
with local knowledge to the town of ...  
(DB 2231) 44/03

**COAST PILOT 7        35 Ed 2003        Change No. 14  
LAST NM 42/03**

Page 301—Paragraph 164; read:  
A **special anchorage** is just S of the breakwater. (See  
**110.1** and **110.126**, chapter 2, for limits and regulations.) A  
**seasonal special anchorage and mooring area** is just E of  
Municipal Wharf No. 2. Mariners operating in the vicinity of  
Monterey Harbor are requested to avoid transiting through  
this area. Mooring or anchoring is restricted based on current  
weather conditions. Permission to moor or anchor may be  
obtained through the Office of the Harbormaster.  
(CL 1056/03; NOS 18685) 44/03

Page 301—Paragraph 171, line 8; read:  
be contacted by phone at 831-646-3950 or by the ...  
(CL 1056/03; Internet/03) 44/03

## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
16070	Bird Island Gong Buoy 1	41 39 00 N 70 42 48 W				Green.	Replaced by can Dec. 1 to Apr. 1.  * * * *
							* 44/03
16075	Bird Island Bell Buoy 3					Green.	Maintained from Mar. 15 to Jan 1.  * * * *
							* 44/03
16080	Cleveland East Ledge Light	41 37 51 N 70 41 39 W	Fl W 10s	74	15	White cylindrical tower and dwelling on red caisson.  RACON: C (- - -). HORN: 1 blast ev 15 (2s bl).	Emergency light of reduced intensity when main light is extinguished.  * * * *
							* 44/03
16081	Bird Island Gong Buoy 1						Remove from list.  *
							44/03
<b>Cleveland Ledge Channel</b>							
16085	RANGE FRONT LIGHT On southern end of Abiel's Ledge	41 41 33 N 70 40 28 W	Q G	27		KRW on white tower.	Visible 4° each side of rangeline. HORN: 1 blast ev 15s (2s bl).  * * * *
							* 44/03
*16090	RANGE REAR LIGHT 3,167 yards, 015° from front light	41 43 04 N 70 39 54 W	F G	74		Visible 1.5° each side of rangeline.	KRW on white skeleton tower.  44/03
16095	Lighted Bell Buoy 2 West of shoal.	41 37 54 N 70 41 42 W	Fl R 4s		4	Red.	Replaced by nun when endangered by ice.  * * * *
							* 44/03
16100	<i>Cleveland Ledge Channel</i> Lighted Buoy 3	41 37 20 N 70 42 07 W	Q G			Green.	
							* 44/03
16105	- Lighted Buoy 4	41 37 18 N 70 41 57 W	Q R			Red.	Removed when endangered by ice.  * * * *
							* 44/03
16110	<i>Cleveland Ledge</i> Oceanographic Lighted Buoy	41 38 36 N 70 41 00 W	Fl Y 4s			Yellow.	Private aid.  * * * *
							* 44/03
16115	Lighted Buoy 6	41 37 54 N 70 41 44 W	Fl R 2.5s		4	Red.	Removed when endangered by ice.  * * * *
							* 44/03
16120	- Lighted Gong Buoy 7 Marks shoal.	41 39 07 N 70 41 27 W	Fl G 4s		4	Green.	Replaced by LIB when endangered by ice.  * * * *
							44/03

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
16125	- Lighted Buoy 8	41 39 06 N 70 41 17 W	Fl R 4s		4	Red.	Replaced by nun when endangered by ice.  * * 44/03
*22143	Thames River Wreck Buoy WR30A	41 27 41 N 72 04 06 W				Red nun.	44/03

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
6140	- Warning Daybeacon				NW on pile worded DANGER SHOAL.	*	44/03
	*					*	
31835	- LIGHT 16	36 19 25 N 76 44 00 W	Fl R 4s	15	3	TR on pile.	Ra ref.  * 44/03
32115	- LIGHT 5		Fl G 4s	15	4	SG on pile.	44/03
					*		
32205	- LIGHT 3	35 18 54 N 75 34 45 W	Fl G 4s	19	4	SG on pile.	Light equipment removed when endangered by ice.  * 44/03
32210	- LIGHT 5	35 18 29 N 75 34 11 W	Fl G 6s	15	4	SG on pile.	Light equipment removed when endangered by ice.  * 44/03

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1965	- Channel Lighted Buoy 16		Fl R 2.5s		3	Red.	
	*		*		*	*	44/03
2055	- Channel Lighted Buoy 21		Fl G 2.5s		3	Green.	
	*		*		*	*	44/03
2060	- Channel Lighted Buoy 22		Fl R 2.5s		3	Red.	
	*		*		*	*	44/03
2065	- Channel Lighted Buoy 23		Fl G 6s		4	Green.	
	*		*		*	*	44/03
2080	- Channel Lighted Buoy 25		Fl G 4s		4	Green.	
	*		*		*	*	44/03

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## SECTION II

## CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2085	- Channel Lighted Buoy 26		Fl R 6s	4	Red.		
		*	*	*	*	*	44/03
2105 34090	- Channel Lighted Buoy 32	33 18 42 N 79 17 06 W	Fl R 2.5s	16	3	TR-SY.	
		*			*	*	44/03
34090 2105	- Channel Lighted Buoy 32	33 18 42 N 79 17 06 W	Fl R 2.5s	16	3	TR-SY.	
		*			*	*	44/03
*35205.2	- Daybeacon 185	32 30 39 N 80 30 08 W			SG-SY on pile.		
							44/03
39545	- LIGHT 82	29 42 54 N 81 14 39 W	Fl R 4s	12	3	TR-TY on pile.	
		*					44/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
7167	- RANGE E FRONT LIGHT						Remove from list.  * 44/03
7168	- RANGE E REAR LIGHT 250 yards, 155° from front light.						Remove from list.  * 44/03
7170	- LIGHT 49		Fl G 4s	17	4	SG on pile.	Ra ref.  * 44/03
7175	- LIGHT 50 150 feet outside channel limit.		Fl R 4s	17	4	TR on pile.	Ra ref.  * 44/03
7177	- Buoy 51						Remove from list.  * 44/03
*7178	- Lighted Buoy 51		30 20 32 N Q G 88 34 05 W		3	Green.	  44/03
<b>*Delete Heading: *Pascagoula Navy Channel</b>							
7195	- Lighted Buoy 1						Remove from list.  * 44/03

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*7196	- Buoy 1	30 20 32 N 88 34 26 W				Green can.	44/03
7200	- Buoy 1A					Remove from list.	*
							44/03
7202	- SINGING ISLAND LIGHT A					Remove from list.	*
							44/03
<b>*Delete Heading: *Pascagoula Channel</b>							
7205	- LIGHT	30 20 18 N 88 34 30 W	Fl W 4s	22	5	NG on tower.	Ra ref.
							44/03
38580	- Buoy 143	27 25 56 N 97 20 46 W				Green can with yellow square.	
		*					44/03

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
4180	- Lighted Bell Buoy 5	37 46 38 N 122 36 22 W	Fl G 6s		5	Green.	
		*					44/03
8625	- ENTRANCE LIGHT 5	42 02 36 N 124 16 21 W	Fl G 4s	23	3	Green pile structure.	Due to weather conditions the dayboards have been removed from this aid.
					*		44/03
16770	SHILSHOLE BAY BOAT BASIN LIGHT 2	47 41 16 N 122 24 18 W	Fl R 2.5s	28	5	TR on jetty.	
		*	*				44/03
16790 18140	SHILSHOLE BAY BREAKWATER LIGHT 3	47 40 38 N 122 24 43 W	Fl G 2.5s	29	5	SG on white house.	
		*					44/03
18140 16790	- BREAKWATER LIGHT 3	47 40 38 N 122 24 43 W	Fl G 2.5s	29	5	SG on white house.	
		*					44/03
19920	- LIGHT 4	48 59 32 N 122 47 02 W	Fl R 6s	15	4	TR on pile structure.	*
		*		*			44/03

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2080	- West Pierhead Light	43 28 24 N 76 31 00 W	AI WR 10s 0.1s W. fl 4.9s ec. 0.1s W. fl 4.9s ec.	57 <b>17</b>	12	White square tower on corner of square building.	Standby light Oc R 4s of reduced intensity. HORN: 1 blast ev 30s (3s bl). Operates from Apr. 1 to Oct 15. * 44/03
2680	- Light		AI WG 10s	71 <b>22</b>	W 22 G 18	White tower.	HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Operates from Apr. 1 to Oct 15. * 44/03
3870	- West Breakwater Light		Iso W 6s	56 <b>17</b>	10	Tower.	HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Operates from Apr. 1 to Oct 15. * 44/03
4725	- RANGE FRONT LIGHT	41 28 36 N 82 41 48 W	Q G	33 <b>10</b>	9	KRW on skeleton tower.	Visible on range line only. Higher intensity on rangeline only. * 44/03
9162	SELRIDGE MARINA ENTRANCE LIGHT 1	42 36 58 N 82 49 06 W	Fl R 4s	20 <b>6</b>	4	SG on pile.	
9163	SELRIDGE MARINA ENTRANCE LIGHT 2	42 36 59 N 82 49 06 W	Fl R 4s	20 <b>6</b>	4	TR on pile.	
19051	Lighted Buoy 15A	43 04 19 N 86 12 33 W	Fl G 6s		4	Green.	Maintained from April 1 to Nov. 1. * 44/03
19800	- Harbor Breakwater South End Light	41 43 34 N 87 29 36 W	AI WR 10s 0.2s W fl 4.8s ec. 0.2s R fl 4.8s ec.	50 <b>15</b>	W 17 R 14	White square skeleton tower with red band. Lower half open.	HORN: 1 blast ev 15s (2s bl). Operates continuously from Apr. to Dec. * 44/03
19827	- HARBOR BREAKWATER OBSTRUCTION LIGHT	41 44 29 N 87 30 52 W	Fl Y 2.5s	28 <b>9</b>	8	White cylindrical tower with yellow band.	
22272	- ENTRANCE LIGHT 1	44 32 21 N 88 00 12 W	F G	11 <b>3</b>		SG on pile.	Private aid. * 44/03

\*Delete Note:  
**Selfridge Launch Facility**

\*Aids maintained from Apr. 15 to Nov. 1.

9162	SELRIDGE MARINA ENTRANCE LIGHT 1	42 36 58 N 82 49 06 W	Fl R 4s	20 <b>6</b>	4	SG on pile.	
9163	SELRIDGE MARINA ENTRANCE LIGHT 2	42 36 59 N 82 49 06 W	Fl R 4s	20 <b>6</b>	4	TR on pile.	
19051	Lighted Buoy 15A	43 04 19 N 86 12 33 W	Fl G 6s		4	Green.	Maintained from April 1 to Nov. 1. * 44/03
19800	- Harbor Breakwater South End Light	41 43 34 N 87 29 36 W	AI WR 10s 0.2s W fl 4.8s ec. 0.2s R fl 4.8s ec.	50 <b>15</b>	W 17 R 14	White square skeleton tower with red band. Lower half open.	HORN: 1 blast ev 15s (2s bl). Operates continuously from Apr. to Dec. * 44/03
19827	- HARBOR BREAKWATER OBSTRUCTION LIGHT	41 44 29 N 87 30 52 W	Fl Y 2.5s	28 <b>9</b>	8	White cylindrical tower with yellow band.	
22272	- ENTRANCE LIGHT 1	44 32 21 N 88 00 12 W	F G	11 <b>3</b>		SG on pile.	Private aid. * 44/03

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
22273	- ENTRANCE LIGHT 2	44 32 20 N 88 00 12 W	F R	11 3		TR on pile.	Private aid.  *

44/03

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## SECTION II

### CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MINGAN HARBOR:							
3108 <i>H 1946</i>	-Eastern entrance range, front.	50° 17.4' N F.G. 64° 01.3' W		46 14	16	Square skeleton tower, fluorescent orange daymark, black stripe; 40.	Visible on range line only. * 44/03
3112 <i>H 1946.1</i>	--Rear, 189 meters 287°50' from front.	50° 17.4' N F.G. 64° 01.5' W		73 22	16	Square skeleton tower, fluorescent orange daymark, black stripe; 65.	Visible on range line only. * 44/03
3116 <i>H 1950</i>	-Western entrance range, front.	50° 17.4' N F.G. 64° 00.7' W		23 7	16	Square skeleton tower, fluorescent orange daymark, black stripe; 20.	Visible on range line only. * 44/03
3120 <i>H 1950.1</i>	--Rear, 421 meters 065°47' from front.	50° 17.5' N F.G. 64° 00.4' W		69 21	16	Square skeleton tower, fluorescent orange daymark, black stripe. Orange rectangular daymark facing SE.; 50.	Visible on range line only. * 44/03
3184 <i>H 1974</i>	-Riviere-au-Tonnerre Range, front.	50° 16.6' N F.G. 64° 46.8' W		62 19	16	Square skeleton tower, fluorescent orange daymark, black stripe; 30	Visible on range line only. * 44/03
3188 <i>H 1974.1</i>	--Rear, 119 meters 359°50' from front.	50° 16.7' N F.G. 64° 46.8' W		84 26	16	Square skeleton tower, fluorescent orange daymark, black stripe; 35.	Visible on range line only. * 44/03
3212 <i>H 1994.4</i>	-Imperial Oil Wharf.	50° 11.8' N Iso.W. 66° 22.9' W period 4s		36 11	9	Round mast; 27.	Private light. * 44/03
		Iso.R. period 4s		28 9			
		Iso.R. period 4s		26 8			
3740 <i>H 2255</i>	Cap Gribane Range, front.	47° 08.5' N F.W. 70° 41.2' W		43 13	17	Square skeleton tower, fluorescent orange rectangular daymark; 25.	Visible on range line only. * 44/03
3744 <i>H 2255.1</i>	--Rear, 445.4 meters 023°52' from front.	47° 08.7' N F.W. 70° 41.0' W		89 27	17	Square skeleton tower, fluorescent orange rectangular daymark; 35.	Visible on range line only. * 44/03

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## SECTION II

### CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
4316 <i>H 2358</i>	Leclercville (Ste. Emmelie) Range, front.	46° 33.7' N 72° 00.8' W	F.G.	121 37	17	Gray square skeleton tower, slatwork fluorescent orange daymark, black, stripe; 30.	Visible on range line only. Emergency light.
			F.G.	121 37	6		Visible 360°.
	*		*	*	*	*	*
4320 <i>H 2358.1</i>	-Rear, 1041.8 meters 092°42' from front.	46° 33.7' N 72° 00.0' W	F.G.	186 57	17	White skeleton tower, slatwork fluorescent orange daymark, black stripe; 36.	Visible on range line only. Emergency light.
			F.G.	186 57	6		Visible 360°.
	*		*	*	*	*	*
7052 <i>H 1701</i>	Newport Wharf Range, front.	48° 17.1' N 64° 43.2' W	F.R.	24 7	16	Square skeleton tower, white daymark, black stripe; 20.	Visible on range line only. Operates at night only.
	*			*	*	*	*
7056 <i>H 1701.1</i>	-Rear, 235.4 meters 341°50' from front.	48° 17.2' N 64° 43.3' W	F.R.	56 17	16	Square skeleton tower, white daymark, black stripe; 50.	Visible on range line only. Operates at night only.
	*			*	*	*	*
7062 <i>H 1698</i>	-Newport Range, front.	48° 15.3' N 64° 45.2' W	F.R.	39 12	16	Square skeleton tower, fluorescent orange daymark, black stripe; 25.	Visible on range line only. Operates at night only.
				*		*	*
7063 <i>H 1698.1</i>	--Rear 116.4 meters 288°26' from front.	48° 15.3' N 64° 45.3' W	F.R.	62 19	16	Square skeleton tower, fluorescent orange daymark, black stripe; 40.	Visible on range line only. Operates at night only.
	*			*	*		*
7204 <i>H 1600</i>	Bathurst Harbor, front.	47° 39.1' N 65° 37.4' W	Q.R.	25 8	8	Square skeleton tower, white daymark, red stripe; 22.	Visible on range line only.
	*		*		*	*	
7208 <i>H 1600.1</i>	--Rear, on shoal, 527.5 meters 208°22' from front.	47° 38.9' N 65° 37.6' W	Iso.R. period 4s	59 18	14	Square skeleton tower, white daymark, red stripe; 52.	Visible on range line only.
			*		*	*	*
7464 <i>H 1436</i>	Huckleberry Gully, on beach at Baie Ste. Anne, front.						Remove from list.
							*
7468 <i>H 1436.1</i>	--Rear, 197 meters 211°06' from front.						Remove from list.
							*
8444 <i>H 0888</i>	Grand Entry Harbor Range, front.	47° 33.4' N 61° 33.7' W	F.R.	21 6	7	Square skeleton tower, orange daymark, black stripe; 15.	Visible on range line only. Operates at night only.
				*			

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## SECTION II

### CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
9444 -Park Point Range, front. <i>H 3426</i>		45° 32.6' N 61° 19.3' W	Oc.Y. period 5s lt. 4s, ec. 1s	40 12	15	Triangular skeleton tower, white daymark, fluorescent red stripe; 33.	Visible on range line only.
			Fl.W. period 4s fl. 0.5s, ec. 3.5s	43 13			
			*	*	*	*	
							44/03
9448 -Rear, 317 meters 146°18' from front. <i>H 3426.1</i>		45° 32.5' N 61° 19.1' W	Oc.Y. period 5s lt. 4s, ec. 1s	82 25	15	Triangular skeleton tower, white daymark, fluorescent red stripe; 61.	Visible on range line only.
			Fl.W. period 4s fl. 0.5s, ec. 3.5s	84 26			
			*	*	*	*	
							44/03
19402.7 -San Isidro, pier, head. <i>G 0860</i>		34° 27.0' S 58° 30.3' W	Fl.G. period 3s			White column, yellow bands, red daymarks.	
			*	*	*	*	
							44/03
19402.8 -Rio Lujan, entrance. <i>G 0860.2</i>		34° 26.9' S 58° 30.5' W	Fl.R. period 5s fl. 1s, ec. 4s	47 14	8	Metal tower, red daymarks; 31.	
			*	*			
							44/03

### CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2240 -W. breakwater. <i>F 7289.4</i>		35° 30.8' N 133° 56.4' E	Fl.R. period 4s	43 13	5	Red cylindrical concrete structure; 31.	
			*	*			
							44/03
2244 -N. breakwater. <i>F 7289.3</i>		35° 30.9' N 133° 56.4' E	Fl.G. period 4s	39 12	3	White cylindrical concrete tower; 36.	
			*	*	*		
							44/03
5756 Yosida Gyoko, breakwater, <i>F 6235.5</i> head.		34° 45.0' N 138° 16.0' E	Fl.R. period 3s	49 15	7	Red concrete structure; 31.	
			*	*			
							44/03
16167 -Mys Basargina. <i>F 7471</i>		43° 03.5' N 131° 57.8' E	Oc.G. period 7.5s	92 28	10	White octagonal stone tower, red bands; 26.	Visible 193°-092°. Reserve light range 6M.
			*	*	*		
							44/03
16169 -Proliv Bosfor Vostochnyy Range, front. <i>F 7472</i>		43° 05.0' N 131° 51.3' E	F.R.	105 32	15	White building with lantern on square tower; 49.	Visible 289°30'-309°30'. Reserve light range 8M.
	-RACON		X (- • -) period 30s		15		Azimuth coverage 073°-203°.
			*	*	*		
							44/03
16169.3 -Mys Balka. <i>F 7473</i>		43° 01.8' N 131° 54.9' E	L.FI.R.G. period 5s	69 21	R. 3 G. 2	White quadrangular metal framework pyramid; 10.	R. 357°-162°30', G.-357°.
			*	*			
							44/03

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## SECTION II

### CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
16169.7 <i>F 7474</i>	-Bukhtry Uliss Range, front.	43° 04.8' N 131° 55.5' E	F.G. period 3s	59 18	2	White trapezoid, red stripe; 16.	Visible 049°-069°. 44/03
				*	*		
16169.8 <i>F 7474.01</i>	--Rear, 87 meters 058°24' from front.	43° 04.8' N 131° 55.5' E	Iso.G. period 3s	108 33	2	White trapezoid, red stripe; 16.	44/03
				*	*		
16169.91 <i>F 7478</i>	-Mys Rosetta.	43° 05.2' N 131° 50.9' E	Oc.G. period 15s	217 66	5	Lantern on white stone building; 13.	Visible 045°-227°. 44/03
				*	*		
31976	-Fairway Buoy	29° 50.0' S 31° 05.6' E	Iso.W. period 2s			SAFE WATER RW, pillar, topmark.	
	-RACON		B(-••)		12		
				*			44/03

### CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1176 <i>D 1191</i>	-Jetee de Boisvinet.	46° 41.6' N 1° 57.2' W	Fl.R. period 4s fl. 1s, ec. 3s	26 8	6	Red column; 20.	
				*	*		*
							44/03
5107 <i>E 0307.17</i>	-Puerto Deportivo Serranova, breakwater, head.	39° 44.4' N 3° 13.5' E	Fl.(3)R. period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	20 6	4	Red tower; 7.	
				*			44/03
5107.5 <i>E 0307.19</i>	-Inner breakwater.	39° 44.4' N 3° 13.4' E	Fl.(4)G. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	10 3	3	Green tower; 7.	
				*			44/03
17572 <i>E 4980</i>	-Ostrov Bolshevik.	42° 28.1' N 27° 33.1' E	L.Fl.W.R. period 8s fl. 2s, ec. 6s	71 22	W. 8 R. 4	White round concrete tower; 39. R. 272°-312°, W.-272°.	
				*	*		44/03
23932 <i>D 2798</i>	-La Isleta.	28° 10.4' N 15° 25.0' W	Fl.(1+3)W. period 20s fl. 0.3s, ec. 2.5s fl. 0.3s, ec. 2.5s fl. 0.3s, ec. 6.9s fl. 0.3s, ec. 6.9s	817 249	21	White conical tower, yellow band, dwelling; 32.	Aeromarine light. 44/03
				*	*		

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO PUB 113, RADIOBEACONS, 2002 EDITION

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
1610	La Isleta Light Station						Remove from list.  * 44/03

### CORRECTIONS TO PUB 114, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>*Add Heading: *RIVER PARRETT:</b>							
*6209 -Foreland Ledge. A 5588		51° 15.3' N 3° 47.5' W	Fl.(2)W. period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s		5	ISOLATED DANGER BRB, beacon, topmark.	Marine turbine. Siren: Mo.(U) ev.30s. (bl. 1s, si. 1s, bl. 1s, si. 1s, bl. 3s, si. 23s).  44/03

### CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ARENDAL APPROACH:							
1188 -Tromoysund, Broneset. B 2794		58° 28.2' N 8° 49.4' E	Oc.W.R.G. period 6s	11 3	W. 9 R. 7 G. 7	White lantern.	R. 063°30'-067°, W.-073°, G.- 219°, W.-227°30', R.-235°30'.  * * * 44/03

### CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
11832 Likskarsrev, NW. of Maloren. C 5726							Remove from list.  * 44/03
11836 Hastaskarsgrund. C 5727							Remove from list.  * 44/03
15152 Andalskar. C 4918							Remove from list.  * 44/03
15176 Abertsblackarna Range, front. C 4915.7		59° 47.0' N 22° 54.0' E	Q.W.	16 5	11	Red rectangular daymark, yellow stripe.	Visible 271°-275°.  * * 44/03
15180 -Rear, 273° from front. C 4915.71		59° 46.9' N 22° 53.4' E	L.FI.W. period 6s fl. 2s, ec. 4s	56 17	12	Red rectangular daymark, yellow stripes.	Visible 271°-275°.  * * 44/03

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
15184 <i>C 4915.3</i>	Albertsklackarna.	59° 47.0' N 22° 54.0' E	Fl.W.R.G. period 3s	36 11	4	Steel pole.	G. 130°-141°, W.-143°30', R.-160°. 44/03
*	*						
15204 <i>C 4915.6</i>	Norrkoben Range, front.	59° 47.0' N 22° 55.0' E	Q.Y.	26 8	11	Red rectangular daymark, yellow stripes.	Visible 119°-123°. 44/03
*	*						
15208 <i>C 4915.61</i>	Russaro, rear, 121° from front.	59° 46.4' N 22° 56.0' E	L.F.I.Y. period 6s fl. 2s, ec. 4s	55 17	11	Red rectangular daymark, yellow stripes.	Visible 119°-123°. 44/03
*	*						
15236 <i>C 4915</i>	-Granskarsgrund Range, front.	59° 48.0' N 22° 54.0' E	Fl.W.R.G. period 3s fl. 1s, ec. 2s	26 8	4	Lantern on roof of warehouse, SE. side painted black, white stripe.	G. 079°-092°, W.-096°30', R.-137°, W. 310°30'-314°30'. Occasional. 44/03
*	*	*	*	*	*	*	
15240 <i>C 4915.1</i>	--Kistkar, rear, 312° from front.	59° 48.2' N 22° 52.9' E	Iso.W. period 4s	36 11	9	Black rectangular board, white stripe.	Visible 308°-316°. Occasional. 44/03
*	*						
15248 <i>C 4920.21</i>	--Rear, about 1.6 km. 327° from front.	59° 49.1' N 22° 57.0' E	Iso.W. period 12s	72 22	14	Mast, red rectangular daymark, yellow stripe.	Visible 324°30'-329°30'. By day: range 8M, visible 321°30'-332°30'. 44/03
*	*						
15252 <i>C 4922</i>	-Hogholm (Hanko), mole, head.	59° 49.0' N 22° 57.0' E	Q.W.R.G.	23 7	10	White hut.	G. 024°-037°, W.-049°, R.-060°, G.-070°, W.-083°, R.-110°, W.-260°. 44/03
*	*						
18456 <i>C 4143</i>	-Marjaniemi Range, front.	65° 02.4' N 24° 33.8' E	Q.Y.	20 6	9	Concrete support, red rectangular daymark, yellow stripe.	Visible 084°-104°. 44/03
*	*	*	*	*	*	*	
18460 <i>C 4143.1</i>	--Rear, 094°30' from front.	65° 02.4' N 24° 33.9' E	Iso.Y. period 4s	49 15	10	Concrete support, red rectangular daymark, yellow stripe.	Visible 084°-104°. 44/03
*	*	*	*	*	*	*	
18480.52 <i>C 4147.09</i>	--E., rear, 1.2 miles 115° from common front.	65° 06.7' N 24° 49.9' E	L.F.I.W. period 6s fl. 2s, ec. 4s	26 8	6	Steel mast, red rectangular daymark, white stripe.	Visible 111°-119°. Radar reflector. 44/03
*	*	*	*	*	*	*	
18560 <i>C 4107.51</i>	--Rear, 208° 42' from front.	65° 07.8' N 25° 07.2' E	Fl.W. period 3s fl. 0.5s, ec. 2.5s	47 14	6	White rectangular daymark, black stripe.	Visible 205°-209°. 44/03
*	*	*	*	*	*	*	

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

## SECTION II

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS  
THROUGH NM 44/03

Note: \* indicates New Edition/New Publication; \*\* indicates Publication Canceled; N indicates Not For Sale

NIMA Reference No.	Ed.	Notice to Mariners No.	NIMA Reference No.	Ed.	Notice to Mariners No.	NIMA Reference No.	Ed.	Notice to Mariners No.
<b>NIMA HYDRO CATALOG CATP2V01U</b>								
Region 1	2002	1*,2,3,4,7,8,9,10,11, 14,15,17,19,20,21, 22,23,24,25,26,27, 28,29,30,31,32,35, 36,37,38,39,40,41, 42,43,44/03	SDPUB126	2002	39*,41,42,43,44,45, 48/02,24,26,27,28, 30,32,41/03	SDPUB193	2000	27*,38,49/00;9,26, 27,31,32/01;14,15, 26,52/02;18,19,20, 23,29/03
Region 2	2002	1*,8,15,17,20,21,22, 23,24,26,28,30,32, 33,34,44/03	SDPUB132	2000	39*,45/00;16,17,31, 35/01;1,12,21,25, 26/02;2,10/03	SDPUB195	2002	33*,40,49,51,52/02; 1,2,3,15,16,21,32, 33,41,43/03
Region 3	2002	1/03*	SDPUB140	2001	21*,48,49,51/01;8, 17,23,32,42,43,44, 46,47,48,50/02;4,6, 7,8,9,11,12,15,19,	SDPUB200	2002	38*,39,42/02;22,27, 34,41/03
Region 4	2002	1*,23,43/03			21,22,23,24,25,26, 31,32,34,37,42, 43/03	<b>USCG LIGHT LIST VOLUMES I - VII</b>		
Region 5	2002	1*,3,5,8,22,27,30, 33,38/03	SDPUB141	2001	21*,38/01	COMDTM165021	2003	17*,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,32,33,34, 36,37,38,39,40,41, 42,43,44/03
Region 6	2002	1*,10,11,13,16,19, 20,21,25,28,30,33, 38/03	SDPUB142	2000	49/00*,3,31,35/01; 1,15,43/02	COMDTM165022	2003	17*,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,32,33,34, 35,36,37,38,39,40, 41,42,43,44/03
Region 7	2002	1*,11,15,28/03	SDPUB143	2000	8*,10,19,29/00;16, 26/01,1/25,02/9,03	COMDTM165023	2003	17*,18,19,20,21,23, 24,25,26,28,29,31, 32,33,34,35,36,37, 38,39,41,43,44/03
Region 8	2002	1*,14,37,41/03	SDPUB145	2000	13*,14,18,19,22,26, 32,37,38,46,47,51, 53/00;1,4,5,7,10,12, 28,29,35,52/01;14, 27/02	COMDTM165024	2003	18*,19,20,21,22,23, 24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40,41, 42,43,44/03
Region 9	2002	1*,34,40,43/03	SDPUB147	2001	35/01*,21,22,23, 24/02;39,40,41/03	COMDTM165025	2002	16/02*
Miscellaneous Charts and Publications	2002	1*,2,4,5,6,7,9,11,12, 13,15,17,18,19,20, 21,23,24,25,27,28, 29,30,31,32,33,34, 36,37,38,39,41,42, 43/03	SDPUB148	2001	48/01*,23,24/02;22, 42,43/03	COMDTM165026	2003	18*,19,20,21,22,23, 24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40,41, 42,43,44/03
<b>NIMA LIST OF LIGHTS</b>								
LLPUB110	2003	7*,8,9,11,13,14,15, 16,17,18,20,21,23, 24,25,26,27,28,29, 31,32,33,34,36,37, 38,39,41,42,43, 44/03	SDPUB153	2000	6/01*,28,30,41,44, 46,47,48,52/02;1,3, 4,8,13,15,22,25,32, 35,37,38,39,40, 43/03	FGPUB940ATL	2001	N47/01*
LLPUB111	2003	33*,34,35,36,37,38, 39,40,41,43/03	SDPUB154	2002	17*,19,31,42,44,45, 46,48,50/02;3,14,19, 23,30,41,42/03	FGPUB941PAC	2001	N22/01*
LLPUB112	2003	4*,5,6,7,8,9,10,11, 12,13,14,15,16,17, 18,19,20,21,22,23, 24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40,41, 42,43,44/03	SDPUB155	2001	31*,48/01;10,45, 46/02	<b>FLEET GUIDES</b>		
LLPUB113	2002	45*,47,48,50,51, 52/02;1,2,3,4,5,6,7, 8,10,11,12,13,14,15, 16,17,18,19,20,21, 22,23,24,25,26,27, 28,29,30,31,32,33, 34,35,36,37,39,40, 41,42,43,44/03	SDPUB156	2002	42*,48/02	NOSPCATALOG1	2000	20/00*
LLPUB114	2003	17*,19,21,22,23,24, 27,31,32,40,43, 44/03	SDPUB161	2002	23*,24,44,47,48/02; 5,12/03	NOSPCATALOG2	2000	34/00*
LLPUB115	2003	42*,44/03	SDPUB162	2001	51/01*,5,12/03	NOSPCATALOG3	2000	28/00*
LLPUB116	2003	24*,26,27,28,29,30, 31,32,33,34,35,36, 37,38,39,40,41,42, 43,44/03	SDPUB163	2002	18*,20,21,26,46, 51/02;13,24,26,27, 28,29,30,31,39,40, 41,43/03	NOSPCATALOG4	2000	34/00*
<b>SAILING DIRECTIONS</b>								
CDPUBSD125	2003	19*,43/03	SDPUB164	2000	30/00*,31,35,36/01; 8,28/03	<b>ALMANACS</b>		
CDPUBSD127	2003	39/03*	SDPUB171	2001	40*,47,48,52/01;5,9, 14,16,41/02;23,24, 26,41/03	AIRALMANAC401	2004	29/03*
CDPUBSD131	2002	9/03*	SDPUB172	2001	1*,2,3,5,6,7,8,9,14, 15,16,17,18,19,20, 22,24/02;1,11,12,13, 14,15,19,20,22,23, 25,26,27,28,29,31, 32,33,34,35,37,38, 39,40,43,44/03	NAUTALMANAC04	2004	29/03*
CDPUBSD146	2002	4/03*	SDPUB173	2002	50*,51/02;3,22,24, 25,26,27,32,33,34, 37,38/03	<b>COAST PILOT</b>		
CDPUBSD157	2003	17/03*	SDPUB174	2000	7*,19,37,45,51, 52/01;1,5,14,19,22, 28,33,37,38,48/02;	NOSPBCP1	33	27*,28,29,32,33,34, 39,42/03
CDPUBSD158	2003	24/03*	SDPUB175	2001	30,39,40,41,43/03	NOSPBCP2	32	17*,18,21,22,26,28, 30,32,33,35,36,39, 42,43/03
CDPUBSD192	2003	32*,36,38,39,40,41, 42,43/03	SDPUB177	2002	41*,43,45,51/01;8, 11,12,13,14,16,17, 21,27,37,41,49/02;	NOSPBCP3	36	34*,36,42,43,44/03
CDPUBSD194	2002	6*,8,15,17,30,33,35, 37,38,39,40/03	SDPUB178	2002	26,27,29,32,37,38, 43/03	NOSPBCP4	35	34*,36,39,42,44/03
SDPUB120	2001	12*,18,48,49,51/01; 8,13,14,21,22,24,29, 33,35,37,42,43,44, 45,47/02;4,6,7,8,9, 10,11,12,14,17,20, 21,23,29,30,31,41, 42,44/03	SDPUB180	2002	32*,33,42,47,48, 50/02;6,13,14,17,21, 24,42,44/03	NOSPBCP5	30	2*,6,10,12,14,18,20, 27,30,32,35,36,37, 39,42/03
SDPUB123	2001	45*,47,48/01;1,14, 17,18,19/02;24,25, 27,28,32,38,42/03	SDPUB181	2002	38*,39/02	NOSPBCP6	33	23*,27,29,32,33,34, 42/03
SDPUB124	2001	18*,44,45,47,48,49, 52/01;17,19,20,21, 29,30,31,34,46, 50/02;24,25,27,28, 29,30,32,35,36,37, 39,44/03	SDPUB182	2001	8*,10,12,41/02; 17/03	NOSPBCP7	35	37*,38,39,42,44/03
			SDPUB183	2001	27/01*,13,15,16/02; 18/03	NOSPBCP8	25	32*,33,34,39,42/03
			SDPUB191	2000	5*,7,8,9,10,11,12, 13,14,15,16,17,18, 19,20,22,23,27,28, 29,30,31,33,34,36, 44,45,47,48/01;10, 14,15,16,17,42, 50/02;6,13,14,15,18, 22/03	NOSPBCP9	21	30*,32,33,36,39, 42/03
<b>RADIO NAVIGATIONAL AIDS</b>								
RAPUB117	2002	50/02*/13/03	<b>AMERICAN PRACTICAL NAVIGATOR</b>			NVPUB9	2002	36/02*/14,38/03
<b>INTERNATIONAL CODE OF SIGNALS</b>								
CDPUBNV102	2003	20/03*						

## SECTION II

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS  
THROUGH NM 44/03**

Note: \* indicates New Edition/New Publication; \*\* indicates Publication Canceled; N indicates Not For Sale

NIMA Reference No.	Ed.	Notice to Mariners No.		
<b>WORLD PORT INDEX</b> NVPUB150	2000	50/00*,14,15,16,20, 21,41,42,43,44,45, 46,47,48,49,51, 52/01;1,2,5,6,10,11, 12,16,19,21,22,27, 31,32,33,36,39,40, 42,46,49/02;2,7,10, 15,20/03		
<b>DISTANCES BETWEEN PORTS</b> NVPUB151	2001	4/02*		
<b>RADAR NAVIGATION AND MANEUVERING BOARD MANUAL</b> CDPUBNV1310	2001	51/01*		
<b>SIGHT REDUCTION TABLES (MARINE)</b> SRPUB229V1 SRPUB229V2 SRPUB229V3 SRPUB229V4 SRPUB229V5 SRPUB229V6	1970 1970 1970 1970 1970 1970	11/71* 11/71* 7/71* 3/71* 3/71* 23/70*		
<b>SIGHT REDUCTION TABLES (AIR)</b> SRPUB249V1 SRPUB249V2 SRPUB249V3	2000 1952 1952	4/01* 46/52* 46/52*		
<b>CHART NO. 1</b> WOBZC1	1997	18/98*		
<b>CHART NO. 4</b> WOBZC4	1988	N23/91*		
<b>ATLAS OF PILOT CHARTS</b> NVPUB106 NVPUB107 NVPUB109	2002 1998 2001	42/03* 30/99* 49/02*		
<b>USCG NAVIGATION RULES</b> COMDTM166722D	1999	44/99*,52/00		
<b>NOS TIDE TABLES</b> NOSPBTTCWPACIN3 NOSPBTTECSTNSA3 NOSPBTTEURAFR3 NOSPBTWCSTNSA3	2003 2003 2003 2003	N4/03* N4/03* N4/03* N4/03*		
<b>TIDAL CURRENT TABLES</b> NOSPBTCTATCSTN3 NOSPBTCTPACAS3	2003 2003	N4/03* N4/03*		

## SECTION III

NM 44/03

### BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

#### NAVAREA IV

Messages in force 161200Z October 2003:

2003 series	387(GEN)	411(11,26)	414(GEN)
108(26,27)	409(11)	412(14)	

The summary of all NAVAREA IV messages in force as of 12 December 2002 is given in Section III of NM 52/02. Warnings issued during the subsequent quarters are issued in NM 13/03, 26/03 and 39/03.

#### NAVAREA IV WARNINGS issued from 081200Z to 161200Z October 2003.

410/03. CANCELED.

411/03(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:
  - A. 0400Z TO 0359Z COMMENCING DAILY  
13 THRU 19 OCT IN AREA BOUND BY  
30-45N 080-54W, 30-45N 080-11W,  
30-36N 080-11W, 30-33N 080-55W.
  - B. 0400Z TO 0359Z COMMENCING DAILY  
13 THRU 19 OCT IN AREA BETWEEN  
29-10N 29-20N AND 079-40W 079-50W.
  - C. 1300Z TO 0600Z COMMENCING DAILY  
13 THRU 17 OCT IN AREA BETWEEN  
30-00N 29-50N AND 081-00W 080-50W.
2. CANCEL THIS MSG 200459Z OCT.

(102020Z OCT 2003)

412/03(14). NORTH ATLANTIC.

CHART 126 (39TH ED).

TWO BUOYS, EACH FL, YELLOW, RA REF, MARKING UNDERWATER CABLE,  
TEMPORARILY ESTABLISHED IN 47-41.2N 039-50.1W  
AND 47-54.6N 039-27.2W. ONE MILE BERTH REQUESTED.

(130048Z OCT 2003)

413/03. CANCELED.

414/03(GEN).

1. NAVAREA IV MESSAGES IN FORCE 151000Z OCT 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2003 SERIES: 387(GEN), 404(24), 409(11), 411(11,26), 412(14).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03 AND 26/03.
3. CANCEL NAVAREA IV 383/03, 406/03.

(151005Z OCT 2003)

## SECTION III

### HYDROLANTS

Messages in force 161200Z October 2003:

2000 series	2869(52)	1291(37)	1718(24)	1877(53)	1928(53)
2937(38)	2882(54)	1374(52,53)	1731(35)	1882(52,56)	1929(57)
3762(43)	2883(54)	1422(53)	1780(51,52)	1884(35)	1930(54)
4265(44)	2003 series	1472(35)	1801(35)	1890(37)	1931(57)
2001 series	41(37)	1522(51,52)	1825(GEN)	1896(22)	1933(37)
611(44)	67(37)	1553(37)	1830(37)	1902(24)	1934(24)
2700(37)	544(55)	1600(37)	1833(37)	1907(36,37)	1935(37)
3161(44)	604(26,27)	1606(24)	1834(22)	1911(55)	1936(52,53)
2002 series	738(35)	1607(24)	1845(55)	1912(55)	1937(53)
245(GEN)	754(37)	1620(53,56)	1847(53)	1914(55)	1938(GEN)
246(GEN)	867(37)	1646(24)	1856(53)	1915(37)	1940(54)
2203(51)	1117(37)	1647(51,52)	1863(37)	1922(23)	1941(38)
2682(51)	1242(24)	1676(57)	1865(24)	1926(54)	
2848(37)	1255(44)	1707(52)	1866(53)	1927(55)	

The summary of all HYDROLANTS in force as of 12 December 2002 is given in Section III of NM 52/02.  
Warnings issued during the subsequent quarters are issued in NM 13/03, 26/03 and 39/03.

### **HYDROLANT WARNINGS issued from 081200Z to 161200Z October 2003.**

1899/03 thru 1901/03. CANCELED.

1902/03(24). SOUTH ATLANTIC.  
CHART 24531 (4TH ED).  
ALTO DA BANDEIRA LIGHT 03-52-29S 032-27-39W UNLIT.

(090511Z OCT 2003)

1903/03 thru 1906/03. CANCELED.

1907/03(36,37). NORTH ATLANTIC.  
MAN OVERBOARD VICINITY OF TRACKLINE BETWEEN 49-11N 006-04W  
AT 092200Z OCT AND 46-23N 013-04W AT 082000Z OCT.  
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,  
ASSIST IF POSSIBLE. REPORTS TO UKMRCC.

(100100Z OCT 2003)

1908/03 thru 1910/03. CANCELED.

1911/03(55). BLACK SEA. GUNNERY.

1. GUNNERY EXERCISES 151130Z TO 151430Z,  
160730Z TO 161300Z AND 170630Z TO 170930Z OCT  
IN AREA BOUND BY 44-43.8N 032-52.2E,  
44-34.8N 032-37.4E, 44-39.0N 032-11.5E,  
44-48.4N 032-08.2E, 45-00.2N 032-14.2E,  
45-52.2N 032-41.6E.
2. CANCEL THIS MSG 171030Z OCT.

(101632Z OCT 2003)

1912/03(55). BLACK SEA.

1. GEOPHYSICAL OPERATIONS 15 OCT THRU 30 DEC  
BY M/V ISKATEL TOWING TWO MILE LONG CABLE  
IN AREA BOUND BY  
45-07.2N 030-01.0E, 45-36.0N 029-57.0E,  
45-58.2N 030-23.7E, 46-13.2N 031-09.2E,  
45-27.8N 030-43.8E, 45-14.1N 030-48.2E,  
45-16.9N 031-17.1E, 44-41.8N 031-38.8E,  
44-24.5N 031-36.5E, 44-17.8N 030-48.2E,  
44-54.1N 030-06.1E. THREE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 31 DEC.

(101640Z OCT 2003)

1913/03. CANCELED.

1914/03(55). BLACK SEA. MISSILES.

1. HAZARDOUS OPERATIONS 0400Z TO 1400Z DAILY  
15 THRU 17 OCT IN AREA BOUND BY  
44-45.5N 036-01.1E, 44-21.4N 035-56.0E,  
44-25.0N 035-28.0E, 44-48.1N 035-33.0E.
2. CANCEL HYDROLANT 1910/03.
3. CANCEL THIS MSG 171500Z OCT.

(102045Z OCT 2003)

## SECTION III

1915/03(37). BAY OF BISCAY.

1. 200 METER LONG OBJECT ADRIFT VICINITY  
45-12.4N 008-21.4W AT 111945Z OCT.
2. CANCEL THIS MSG 18 OCT.

(112100Z OCT 2003)

1916/03 thru 1921/03. CANCELED.

1922/03(23). SOUTH ATLANTIC. ICE.

1. ICEBERGS REPORTED ON 12 OCT:
  - A. A-38A, 22 MILES BY 48 MILES IN 58-12S 043-00W.
  - B. A-38B, 22 MILES BY 25 MILES IN 57-12S 040-48W.
  - C. A-38C, SEVEN MILES BY 11 MILES IN 54-48S 035-48W.
  - D. A-38D, TWO MILES BY TEN MILES IN 57-18S 037-48W.
  - E. A-43B, 13 MILES BY 40 MILES IN 54-24S 039-06W.
  - F. A-43C, 24 MILES BY 41 MILES IN 55-42S 031-00W.
  - G. A-48, NINE MILES BY TEN MILES IN 57-36S 043-54W.
2. CANCEL THIS MSG 20 OCT.

(130210Z OCT 2003)

1923/03 thru 1925/03. CANCELED.

1926/03(54). ADRIATIC SEA. GUNNERY.

1. GUNNERY EXERCISES 0700Z TO 1300Z DAILY  
16 THRU 18 OCT AND 0600Z TO 1400Z DAILY  
20 THRU 25 OCT IN AREA BOUND BY  
44-49.0N 013-43.0E, 44-46.0N 014-00.0E,  
44-30.0N 014-00.0E, 44-30.0N 013-51.5E,  
44-35.5N 013-42.0E, 44-43.0N 013-34.5E.
2. CANCEL HYDROLANT 1591/03(37), OPERATIONS COMPLETED.
3. CANCEL THIS MSG 251500Z OCT.

(141320Z OCT 2003)

1927/03(55). BLACK SEA. GUNNERY.

1. GUNNERY EXERCISES 1500Z TO 1800Z DAILY  
17 AND 18 OCT IN AREA BOUND BY  
45-03.5N 036-22.5E, 44-52.1N 036-22.5E,  
44-49.6N 035-50.5E, 44-59.9N 035-50.5E.
2. CANCEL THIS MSG 181900Z OCT.

(141330Z OCT 2003)

1928/03(53). SICILIA-NORTHWEST COAST.

1. CONTAINER ADRIFT IN 38-17N 013-19E.
2. CANCEL THIS MSG 21 OCT.

(141340Z OCT 2003)

1929/03(57). GULF OF GUINEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE  
BY M/V RAMFORM VALIANT TOWING TEN 6000 METER  
LONG CABLES IN AREA BOUND BY  
05-54.5N 003-50.4E, 05-54.5N 003-59.5E,  
05-42.1N 004-11.8E, 05-42.1N 004-18.0E,  
05-38.3N 004-21.8E, 05-31.8N 004-21.8E,  
05-31.9N 003-58.6E, 05-40.2N 003-50.4E.  
FIVE MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 1619/03.

(141400Z OCT 2003)

1930/03(54). ADRIATIC SEA.

1. GEOPHYSICAL SURVEY IN PROGRESS UNTIL 15 NOV BY  
M/V ROMULUS AND M/V ATLANTIC EXPLORER TOWING  
SIX THREE MILE LONG CABLES IN AREA BOUND BY  
42-07.7N 018-50.9E, 41-59.1N 019-03.8E,  
41-55.0N 018-58.4E, 42-01.7N 018-43.0E.  
FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 16 NOV.

(141500Z OCT 2003)

1931/03(57). GULF OF GUINEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE  
BY M/V VERITAS VIKING II TOWING SIX 4500 METER  
LONG CABLES IN AREA BOUND BY  
04-00N 008-17E, 04-12N 008-19E,  
04-10N 008-25E, 04-00N 008-27E.  
WIDE BERTH REQUESTED.

(141700Z OCT 2003)

1932/03. CANCELED.

### SECTION III

NM 44/03

1933/03(37). ENGLAND-SOUTHEAST COAST.  
CHART 37147 (15TH ED).  
LONG SAND HEAD BUOY 51-48N 001-39E UNLIT.

(150016Z OCT 2003)

1934/03(24). BRAZIL-SOUTH COAST.  
1. SEISMIC SURVEY IN PROGRESS UNTIL 170259Z OCT BY  
M/V VERITAS VIKING I TOWING SIX 6000 METER  
LONG CABLES IN AREA BOUND BY  
25-01.9S 042-33.3W, 25-01.6S 042-00.6W,  
25-50.3S 041-59.9W, 25-50.6S 042-32.8W.  
SIX MILE BERTH REQUESTED.  
2. CANCEL THIS MSG 170359Z OCT.

(150750Z OCT 2003)

1935/03(37). SPAIN-NORTHWEST COAST.  
1. SURVEY OPERATIONS IN PROGRESS UNTIL 03 NOV  
BY M/V HESPERIDES IN AREA BOUND BY  
44-05N 008-50W, 44-05N 010-30W,  
43-10N 010-30W, 43-10N 009-32W,  
43-38N 008-50W. ONE MILE BERTH REQUESTED.  
2. CANCEL HYDROLANT 1904/03(36,51).  
3. CANCEL THIS MSG 04 NOV.

(150810Z OCT 2003)

1936/03(52,53). SARDEGNA-SOUTH COAST. GUNNERY.  
1. GUNNERY EXERCISES 0600Z TO 1600Z DAILY 15 AND 16 OCT  
IN AREA BOUND BY 38-55-10N 008-42-30E,  
38-50-00N 008-48-00E, 38-46-15N 008-48-00E,  
38-43-30N 008-41-15E, 38-49-00N 008-26-00E,  
38-56-10N 008-26-40E, 38-57-00N 008-37-06E.  
2. CANCEL THIS MSG 161700Z OCT.

(150820Z OCT 2003)

1937/03(53). TYRRHENIAN SEA.  
1. SURVEY OPERATIONS IN PROGRESS UNTIL 21 OCT  
BY M/V THESIS IN AREA BETWEEN  
38-17-07N 38-17-59N AND 015-41-16E 015-42-43E.  
WIDE BERTH REQUESTED.  
2. CANCEL THIS MSG 22 OCT.

(150840Z OCT 2003)

1938/03(GEN).  
1. HYDROLANT MESSAGES IN FORCE 151000Z OCT 2003. ONLY THOSE  
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2003 SERIES: 1676(57), 1707(52), 1718(24), 1731(35),  
1750(37), 1780(51,52), 1801(35), 1825(GEN), 1830(37),  
1833(37), 1834(22), 1845(55), 1847(53), 1853(24), 1856(53),  
1863(37), 1865(24), 1866(53), 1877(53), 1882(52,56),  
1884(35), 1890(37), 1896(22), 1902(24), 1907(36,37),  
1911(55), 1912(55), 1914(55), 1915(37), 1922(23), 1924(38),  
1926(54), 1927(55), 1928(53), 1929(57), 1930(54), 1931(57),  
1933(37), 1934(24), 1935(37), 1936(52,53), 1937(53).  
2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF  
12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02.  
WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS  
ARE SUMMARIZED IN NM 13/03 AND 26/03.  
3. CANCEL HYDROLANT 1874/03.

(151010Z OCT 2003)

1939/03. CANCELED.

1940/03(54). STRAIT OF OTRANTO.  
7.3 METER S/V LUCCIOLA, WHITE HULL, ONE PERSON ON BOARD,  
ADRIFT IN 39-57N 019-03E. VESSELS IN VICINITY  
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
REPORTS TO MRSC BARI, PHONE: 3908 0521 6860.

(160152Z OCT 2003)

1941/03(38). NORTH ATLANTIC. ORDNANCE.  
1. UNDERWATER ORDNANCE DETONATIONS 200001Z TO 211159Z OCT  
WITHIN 80 MILES OF 68-50N 015-56W.  
2. CANCEL THIS MSG 211259Z OCT.

(160820Z OCT 2003)

**SECTION III****NAVAREA XII**

Messages in force 161200Z October 2003:

2003 series	271(19)	287(18)	289(17,18)	294(19)	296(19)
262(GEN)	283(GEN)	288(18)	291(GEN)	295(18)	

The summary of all NAVAREA XII messages in force as of 12 December 2002 is given in Section III of NM 52/02. Warnings issued during the subsequent quarters are issued in NM 13/03, 26/03 and 39/03.

**NAVAREA XII WARNINGS issued from 081200Z to 161200Z October 2003.**

285/03 and 286/03. CANCELED.

287/03(18). NORTH PACIFIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 1547Z TO 1727Z DAILY 15 THRU 17 OCT IN AREAS BOUND BY:
  - A. 34-26N 120-39W, 34-26N 120-42W,  
34-38N 120-39W, 34-37N 120-35W.
  - B. 27-06N 123-13W, 30-32N 122-17W,  
30-22N 121-26W, 26-55N 122-24W.
  - C. 22-15N 124-17W, 25-30N 123-27W,  
25-24N 123-00W, 22-09N 123-50W.
2. CANCEL THIS MSG 171827Z OCT.

(101930Z OCT 2003)

288/03(18). NORTH PACIFIC. CALIFORNIA. NAVTEX.

NAVTEX STATION CAMBRIA OFF AIR. CAMBRIA BROADCASTS WILL BE TRANSMITTED FROM NAVTEX STATION POINT REYES.

(110155Z OCT 2003)

289/03(17,18). NORTH PACIFIC. WASHINGTON.

1. LORAN-C STATION GEORGE, RATES 5990-Y AND 9940-W,  
UNUSABLE 161600Z TO 162359Z OCT.
2. CANCEL THIS MSG 170059Z OCT.

(141010Z OCT 2003)

290/03. CANCELED.

291/03(GEN).

1. NAVAREA XII MESSAGES IN FORCE 151000Z OCT 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2003 SERIES: 262(GEN), 271(19), 283(GEN), 285(18), 287(18),  
288(18), 289(17,18).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03 AND 26/03.
3. CANCEL NAVAREA XII 280/03.

(151015Z OCT 2003)

292/03 and 293/03. CANCELED.

294/03(19). NORTH PACIFIC.

1. 35 CONTAINERS ADRIFT IN 43-24N 177-05W AT 152210Z OCT.
2. CANCEL THIS MSG 23 OCT.

(160410Z OCT 2003)

295/03(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY. THE SEA RANGE IS BOUND AS FOLLOWS:
  - A. 34-02N 119-04W. M. THENCE THREE NAUTICAL MILES FROM AND PARALLEL
  - B. 33-52N 119-06W. TO THE SHORELINE.
  - C. 33-29N 119-07W. N. 34-24N 120-30W.
  - D. 33-29N 118-37W. O. 34-08N 120-26W.
  - E. 33-20N 118-37W. P. 34-08N 119-40W.
  - F. 32-11N 120-16W. Q. 34-00N 119-40W.
  - G. 31-54N 121-35W. R. 34-06N 119-13W.
  - H. 35-09N 123-39W. S. 34-06N 119-11W.
  - I. 35-29N 123-00W. T. 34-07N 119-10W.
  - J. 35-04N 122-43W. U. 34-07N 119-07W.
  - K. 35-57N 121-32W. V. 34-04N 119-04W.
  - L. 34-59N 120-42W.
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE

### SECTION III

AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.

3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.
4. CANCEL NAVAREA XII 285/03.

(161010Z OCT 2003)

296/03(19). NORTH PACIFIC.

1. TEN CONTAINERS ADRIFT IN 38-07.4N 144-39.3W.
2. CANCEL THIS MSG 23 OCT.

(161020Z OCT 2003)

### SECTION III HYDROPACS

Messages in force 161200Z October 2003:

2001 series	667(62)	1395(62)	1648(83)	1699(63)	1763(63)
1976(62)	760(63)	1398(74)	1649(94,97)	1700(62)	1764(GEN)
2002 series	761(63)	1476(93)	1650(93)	1710(GEN)	1765(83)
205(GEN)	801(72)	1485(22)	1652(63)	1717(84)	1767(96)
206(GEN)	880(63)	1505(61)	1653(63)	1732(75)	1771(23,29)
352(73)	895(62)	1514(62)	1655(29)	1733(75)	1773(62)
403(72,73)	960(63)	1518(62)	1657(19,97)	1734(74)	1775(61,63)
2191(22)	992(62)	1540(81)	1658(61)	1735(95,97)	1777(63)
2199(63)	993(62)	1542(19,81)	1660(95)	1736(63)	1779(63)
2330(62)	998(71)	1546(91,93,94)	1661(94,95)	1743(63)	1781(76,83)
2339(63)	1010(63)	1552(94)	1662(95)	1744(63)	1782(71)
2003 series	1041(71)	1553(61)	1663(94,95)	1745(96)	1783(74)
167(95)	1110(61)	1556(91,94)	1664(94,95)	1749(71)	1785(96)
197(71)	1198(92)	1558(81,97)	1665(94,95)	1751(97)	1788(GEN)
207(62)	1213(73)	1559(71)	1666(71)	1754(63)	1789(81)
445(96)	1220(62)	1592(63)	1686(63)	1755(63)	1790(81)
495(62)	1222(62)	1624(19,81)	1687(81)	1757(63)	1791(93)
496(62)	1248(63)	1632(19,97)	1688(62)	1758(63)	1792(19)
506(62)	1266(73)	1635(81)	1692(63)	1759(63)	1793(81)
515(73)	1267(73)	1644(96)	1695(63)	1760(63)	
525(73,74)	1330(62)	1645(94)	1697(61)	1761(63)	
638(62)	1371(71,93)	1646(63)	1698(22)	1762(63)	

The summary of all HYDROPACS in force as of 12 December 2002 is given in Section III of NM 52/02.  
Warnings issued during the subsequent quarters are issued in NM 13/03, 26/03 and 39/03.

#### HYDROPAC WARNINGS issued from 081200Z to 161200Z October 2003.

1742/03. CANCELED.

1743/03(63). INDIA-WEST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 30 NOV BY  
M/V RAMFORM CHALLENGER TOWING EIGHT 6000 METER  
LONG CABLES IN AREA BOUND BY 22-07.5N 067-47.0E,  
22-10.3N 067-50.9E, 21-57.7N 068-00.5E,  
21-48.2N 068-00.6E, 21-37.9N 067-47.6E.  
FIVE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 01 DEC.

(081404Z OCT 2003)

1744/03(63). INDIA-WEST COAST.

1. SEISMIC SURVEY 09 THRU 30 OCT BY M/V TEKNIK PERDANA  
TOWING 1500 METER LONG CABLE IN AREA BETWEEN  
10-20.6N 10-17.3N AND 075-28.0E 075-31.3E.  
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 31 OCT.

(081410Z OCT 2003)

1745/03(96). NORTH PACIFIC.

- CHART 96200 (6TH ED).  
UNEXPLODED ORDNANCE WITHIN ONE MILE OF 46-35.0N 142-55.5E.

(081415Z OCT 2003)

1746/03 thru 1748/03. CANCELED.

1749/03(71). SOUTH CHINA SEA.

1. SEISMIC SURVEY 11 OCT THRU 20 NOV BY  
M/V GECO EMERALD TOWING 2.2 MILE LONG  
CABLE IN AREA BOUND BY 04-35N 112-59E,  
04-15N 112-59E, 04-08N 112-15E,  
03-53N 112-24E.
2. CANCEL THIS MSG 21 NOV.

(091449Z OCT 2003)

1750/03. CANCELED.

1751/03(97). NORTH PACIFIC.

1. DERELICT 19 TON F/V RYUO MARU NO. 8  
ADRIFT IN 35-58-00N 165-24-18E AT 092030Z OCT.
2. CANCEL HYDROPAC 1747/03(81), SIGNALS CEASED.
3. CANCEL THIS MSG 17 OCT.

(100030Z OCT 2003)

## SECTION III

1752/03 and 1753/03. CANCELED.

1754/03(63). ARABIAN SEA. PAKISTAN.

1. SURVEY OPERATIONS BY M/V CHARLES DARWIN:  
A. IN PROGRESS UNTIL 110100Z OCT IN AREA  
BETWEEN 24-48N 24-53N AND 065-53E 065-59E.  
B. 11 THRU 20 OCT IN AREA BETWEEN  
22-50N 23-20N AND 065-50E 066-50E.
2. CANCEL THIS MSG 21 OCT.

(100925Z OCT 2003)

1755/03(63). INDIA-EAST COAST.

1. SEISMIC SURVEY IN PROGESS UNTIL 30 OCT  
BY M/V C-ORION TOWING FOUR 6000 METER  
LONG CABLES IN AREA BOUND BY  
19-58.5N 087-02.5E, 20-11.5N 086-49.0E,  
20-02.5N 086-39.5E, 19-49.0N 086-53.0E.  
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 31 OCT.

(101430Z OCT 2003)

1756/03. CANCELED.

1757/03(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0030Z TO 1230Z DAILY 15 THRU 20 OCT  
IN AREA BOUND BY 19-14.6N 084-53.7E, 19-10.5N 085-01.0E,  
19-01.7N 084-56.8E, 19-05.1N 084-48.4E, 19-12.6N 084-57.6E.
2. CANCEL THIS MSG 201330Z OCT.

(101442Z OCT 2003)

1758/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY 14 AND 17 OCT  
IN AREA BOUND BY 09-57.6N 075-59.5E, 09-57.7N 076-14.2E,  
09-40.0N 076-14.5E, 09-42.5N 076-09.5E.
2. CANCEL THIS MSG 171630Z OCT.

(101446Z OCT 2003)

1759/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0230Z TO 1230Z DAILY 14 THRU 21 OCT  
IN AREA BETWEEN 15-13N 15-11N AND 073-57E 073-52E.
2. CANCEL THIS MSG 211330Z OCT.

(101450Z OCT 2003)

1760/03(63). INDIA-WEST COAST. ROCKETS.

1. HAZARDOUS OPERATIONS 1330Z TO 1600Z DAILY  
15 AND 16 OCT WITHIN 75 MILES OF 08-31.9N 076-52.1E.
2. CANCEL THIS MSG 161700Z OCT.

(101454Z OCT 2003)

1761/03(63). INDIA-EAST COAST.

1. SEISMIC SURVEY 14 THRU 17 OCT BY M/V MEZEN  
TOWING 6000 METER LONG CABLE IN AREA BOUND BY  
15-55.4N 082-52.3E, 16-04.4N 082-17.1E,  
14-57.7N 080-30.8E, 14-50.7N 080-57.1E.  
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 18 OCT.

(101458Z OCT 2003)

1762/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0230Z TO 1130Z DAILY 15 THRU 21 OCT  
WITHIN 25 MILES OF 14-01.0N 074-19.6E.
2. CANCEL THIS MSG 211230Z OCT.

(101502Z OCT 2003)

1763/03(63). INDIA-EAST COAST.

- EIGHT METER VESSEL, FIVE PERSONS ON BOARD, UNREPORTED  
VICINITY KAKINADA (16-59N 082-20E). VESSELS IN  
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST  
IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.

(101507Z OCT 2003)

1764/03(63). NORTH PACIFIC. JAPAN.

1. LORAN-C STATION TOKACHIBUTO, RATES 8930-Y  
AND 7950-Y, OFF AIR 2300Z TO 0830Z  
COMMENCING DAILY 14 OCT THRU 11 NOV.
2. CANCEL THIS MSG 120930Z NOV.

(101515Z OCT 2003)

### SECTION III

NM 44/03

1765/03(83). SOUTH PACIFIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 1547Z TO 1727Z DAILY 15 THRU 17 OCT  
IN AREA BOUND BY 58-14S 148-57W, 48-18S 143-46W,  
48-31S 142-28W, 58-31S 147-19W.
2. CANCEL THIS MSG 171827Z OCT.

(101945Z OCT 2003)

1766/03. CANCELED.

1767/03(96). RUSSIA. KAMCHATKA.

CHART 96500 (6TH ED).  
MYS MAYACHNYY LIGHT 52-53.2N 158-42.7E UNLIT.

(112230Z OCT 2003)

1768/03 thru 1770/03. CANCELED.

1771/03(23,29). SOUTH ATLANTIC. ICE.

1. ICEBERGS REPORTED ON 12 OCT:
  - A. A-38A, 22 MILES BY 48 MILES IN 58-12S 043-00W.
  - B. A-38B, 22 MILES BY 25 MILES IN 57-12S 040-48W.
  - C. A-38D, TWO MILES BY TEN MILES IN 57-18S 037-48W.
  - D. A-43E, TEN MILES BY 14 MILES IN 67-12S 059-48W.
  - E. A-43F, 22 MILES BY 24 MILES IN 66-24S 059-00W.
  - F. A-43J, FIVE MILES BY 17 MILES IN 66-12S 060-00W.
  - G. A-48, NINE MILES BY TEN MILES IN 57-36S 043-54W.
  - H. A-52, EIGHT MILE BY 22 MILES IN 65-48S 058-54W.
2. CANCEL THIS MSG 20 OCT.

(130224Z OCT 2003)

1772/03. CANCELED.

1773/03(62). PERSIAN GULF. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 140001Z TO 172359Z OCT WITHIN TWO MILES OF:
  - A. 29-33.9N 049-30.8E.
  - B. 29-32.0N 049-30.0E.
2. CANCEL HYDROPAC 1772/03(81), FALSE ALERT.
3. CANCEL THIS MSG 180059Z OCT.

(130850Z OCT 2003)

1774/03. CANCELED.

1775/03(61,63). INDIAN OCEAN. ROCKETS.

1. HAZARDOUS OPERATIONS 0430Z TO 0600Z  
DAILY 17 THRU 22 OCT:
  - A. WITHIN 200 MILES OF 13-44N 080-14E.
  - B. IN AREA BETWEEN 05-00S 09-00S AND 081-50E 083-50E.
  - C. IN AREA BETWEEN 43-00S 48-00S AND 074-00E 077-00E.
2. CANCEL THIS MSG 220700Z OCT.

(131240Z OCT 2003)

1776/03. CANCELED.

1777/03(63). ARABIAN SEA.

1. SEISMIC SURVEY 14 OCT THRU 05 JAN BY M/V CGG FOHN  
TOWING SIX 6000 METER LONG CABLES  
IN AREA BOUND BY 23-05N 065-30E,  
23-40N 065-30E, 23-40N 065-35E,  
24-00N 065-35E, 24-00N 065-40E,  
24-15N 065-40E, 24-15N 066-00E,  
23-50N 066-00E, 23-50N 066-10E,  
23-30N 066-10E, 23-30N 066-15E,  
23-20N 066-15E, 23-20N 066-20E,  
23-15N 066-20E, 23-15N 066-05E,  
23-05N 066-05E. WIDE BERTH REQUESTED.
2. CANCEL HYDROPAC 1517/03(62).
3. CANCEL THIS MSG 06 JAN 04.

(131255Z OCT 2003)

1778/03. CANCELED.

1779/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0430Z TO 0700Z DAILY 16 AND 17 OCT  
WITHIN 13 MILES OF 22-28.7N 069-04.0E.
2. CANCEL THIS MSG 170800Z OCT.

(131430Z OCT 2003)

1780/03. CANCELED.

## SECTION III

1781/03(76,83). TAHITI TO NEW ZEALAND.

43 FOOT M/V PIFOEL, ONE PERSON ON BOARD, OVERDUE  
TAHITI TO WHANGAREI. VESSELS IN VICINITY REQUESTED  
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
REPORTS TO MARITIME OPERATIONS NEW ZEALAND,  
INMARSAT-C: 4512 00067, PHONE: 644 914 8333,  
FAX: 644 914 8334 OR TAupo MARITIME RADIO.

(132052Z OCT 2003)

1782/03(71). SOUTH CHINA SEA.

DISTRESS SIGNAL RECEIVED ON 406 MHZ FROM S/V ATTU  
IN 01-35.1N 104-22.0E AT 112314Z OCT. VESSELS  
IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,  
ASSIST IF POSSIBLE. REPORTS TO RCC MALAYSIA,  
TELEX: 39748, PHONE: 603 3167 0530.

(132257Z OCT 2003)

1783/03(74). AUSTRALIA-NORTHEAST COAST.

DISTRESS SIGNAL RECEIVED ON 121.5 MHZ VICINITY 21-58S 150-18E  
AT 132112Z OCT. VESSELS IN VICINITY REQUESTED  
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
REPORTS TO RCC AUSTRALIA, TELEX: 7162025,  
PHONE: 612 6230 6811, FAX: 612 6230 6868.

(140029Z OCT 2003)

1784/03. CANCELED.

1785/03(96). SEA OF JAPAN.

UNDERWATER OPERATIONS IN PROGRESS UNTIL  
FURTHER NOTICE IN AREAS BOUND BY:  
A. 43-52.2N 135-30.5E, 43-49.5N 135-41.3E,  
43-41.5N 135-34.5E, 43-41.5N 135-37.8E,  
43-44.5N 135-46.5E, 43-38.7N 135-47.3E,  
43-37.2N 135-37.0E, 43-46.3N 135-26.0E.  
B. 43-41.5N 135-34.5E, 43-49.5N 135-41.3E,  
43-48.0N 135-46.0E, 43-42.8N 135-41.7E,  
43-41.5N 135-37.8E.

(141600Z OCT 2003)

1786/03 and 1787/03. CANCELED.

1788/03(GEN).

1. HYDROPAC MESSAGES IN FORCE 151000Z OCT 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2003 SERIES: 1518(62), 1540(81), 1542(19,81), 1546(91,93,94),  
1552(94), 1553(61), 1556(91,94), 1558(81,97), 1559(71),  
1592(63), 1624(19,81), 1632(19,97), 1635(81), 1644(96),  
1645(94), 1646(63), 1648(83), 1649(94,97), 1650(93),  
1652(63), 1653(63), 1655(29), 1657(19,97), 1658(61),  
1660(95), 1661(94,95), 1662(95), 1663(94,95), 1664(94,95),  
1665(94,95), 1666(71), 1686(63), 1687(81), 1688(62),  
1692(63), 1695(63), 1697(61), 1698(22), 1699(63), 1700(62),  
1710(GEN), 1717(84), 1732(75), 1733(75), 1734(74),  
1735(95,97), 1736(63), 1741(96), 1743(63), 1744(63),  
1745(96), 1749(71), 1751(97), 1754(63), 1755(63), 1757(63),  
1758(63), 1759(63), 1760(63), 1761(63), 1762(63), 1763(63),  
1764(GEN), 1765(83), 1766(96), 1767(96), 1771(23,29),  
1773(62), 1775(61,63), 1776(62), 1777(63), 1778(63),  
1779(63), 1781(76,83), 1782(71), 1783(74), 1785(96).
2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02.  
WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03 AND 26/03.
3. CANCEL HYDROPAC 1456/03, 1461/03, 1467/03, 1495/03,  
1498/03, 1499/03, 1510/03, 1515/03, 1704/03.

(151020Z OCT 2003)

1789/03(81). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 243 MHZ IN 14-09.4N 141-34.1E  
AT 151001Z OCT. VESSELS IN VICINITY REQUESTED  
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
REPORTS TO U.S. COAST GUARD GUAM.

(151050Z OCT 2003)

1790/03(81). NORTH PACIFIC. MISSILES.

1. HAZARDOUS OPERATIONS 202100Z TO 202359Z OCT  
WITHIN 20 MILES OF 16-11N 158-39E.
2. CANCEL THIS MSG 210059Z OCT.

(151110Z OCT 2003)

### **SECTION III**

**NM 44/03**

1791/03(93). SOUTH CHINA SEA.

DISTRESS SIGNAL RECEIVED ON 243 MHZ IN 09-58.3N 112-56.7E.  
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,  
ASSIST IF POSSIBLE. REPORTS TO PAC RCC, TELEX: 392401,  
PHONE: 808 531 1112, FAX: 808 541 2123.

(151600Z OCT 2003)

1792/03(19). NORTH PACIFIC.

1. 35 CONTAINERS ADRIFT IN 43-24N 177-05W AT 152210Z OCT.  
2. CANCEL THIS MSG 22 OCT.

(152333Z OCT 2003)

1793/03(81). NORTH PACIFIC. ORDNANCE.

1. BOMBING EXERCISES 2200Z TO 1000Z COMMENCING DAILY  
17 AND 18 OCT WITHIN TEN MILES OF 16-01N 146-04E.  
2. CANCEL THIS MSG 191100Z OCT.

(160720Z OCT 2003)

### **MARAD ADVISORIES**

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NIMA Maritime Safety Information website ([http://164.214.12.145/warn/warn\\_j\\_query.html](http://164.214.12.145/warn/warn_j_query.html)), by referring to Section I (paragraph 50) of US Notice to Mariners 1/03 for those in-force as of 19 December 2002, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 16 October 2003: 00-7, 01-1, 01-7, 02-2, 02-5, 02-7 and 03-4.

### **SPECIAL WARNINGS**

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NIMA Maritime Safety Information website ([http://164.214.12.145/warn/warn\\_j\\_query.html](http://164.214.12.145/warn/warn_j_query.html)) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/03 for those in-force as of 19 December 2002 and in Notice to Mariners 14/03.

SPECIAL WARNINGS in force 16 October 2003: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119, 120 and 121.

**MARINE INFORMATION****NOAA PRINT-ON-DEMAND NAUTICAL CHARTS AVAILABLE AT REMOTE PRINT SITES**

Selected Print-on-Demand chart agents have the capability to print charts, on site, from the latest NOAA digital files. In the future, the expectation is to have remote print sites located throughout the United States. Utilizing this remote print capability furthers the mission of providing the maritime industry with the most current information. These NOAA charts, updated by NOAA cartographers to all Notices and critical safety items known to NOAA in advance of publication in a Notice, are distributed by NOAA's partner, OceanGrafix, under the brand name, Charts-on-Demand. For information see [oceangrafix.com](http://oceangrafix.com) or [nauticalcharts.noaa.gov/pod](http://nauticalcharts.noaa.gov/pod). For questions contact NOAA at [http://help@nauticalcharts.gov](mailto:http://help@nauticalcharts.gov).

## MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

**Observer:** name(s) of person(s) making observation and rank, rate or title.

**Ship/Organization:** name of vessel or organization.

**Address:** complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

**Date of Observation:** day, month and year at which the observation was made.

**Time of Observation:** local time at which the observation was made.

**Latitude/Longitude:** exact position of the observation expressed as accurately as possible.

**Datum:** horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

**Navigation System:** method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

**Verified by Navigator:** indicate whether observation was verified by navigator.

**Product(s) Affected:** product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

**Edition:** edition number and/or year of affected product.

**Latest correction applied:** the latest Notice to Mariners to which your copy of affected product has been corrected.

**Sounding sensor or method used:** equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

**Soundings corrected for draft:** indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

**Details of Information Reported:** use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NIMA to update our records and obtain additional or later information.

**User Feedback:** use this space to provide feedback and suggestions for improving NIMA's products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

Due to the large volume of information received, NIMA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of NIMA's Bathymetric Data Base. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).

## **MARINE INFORMATION REPORT AND SUGGESTION SHEET**

Observer \_\_\_\_\_ Ship/Organization \_\_\_\_\_

Address \_\_\_\_\_

Email address

Date of Observation \_\_\_\_\_ Time of Observation (Local)\_\_\_\_\_

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ Datum \_\_\_\_\_

Navigation System \_\_\_\_\_ Verified by Navigator: Yes \_\_\_\_\_ No \_\_\_\_\_

Product(s) Affected	Edition
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Latest correction applied: N.M. \_\_\_\_\_

Details of Information Reported (continue on additional sheets as necessary) \_\_\_\_\_

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Digitized by srujanika@gmail.com

### User Feedback (continue on additional sheets as necessary)

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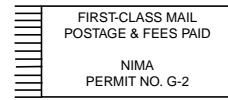
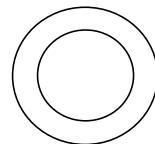
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**MARITIME SAFETY INFORMATION DIVISION  
ST D44  
NATIONAL IMAGERY AND MAPPING AGENCY  
4600 SANGAMORE ROAD  
BETHESDA MD 20816-5003**

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## ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer \_\_\_\_\_

Ship/Organization \_\_\_\_\_

Phone \_\_\_\_\_ Email Address\_\_\_\_\_

Describe Hazard (e.g. dredge, buoy, current meter, operations): \_\_\_\_\_

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Depth water column is occupied (e.g. "bottom to surface", "surface to 500m"): \_\_\_\_\_

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Date of Insertion \_\_\_\_\_ Date of Removal \_\_\_\_\_

If observed, Date \_\_\_\_\_ Time (Local) \_\_\_\_\_

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ Datum \_\_\_\_\_

Navigation System \_\_\_\_\_ Verified by Navigator: Yes \_\_\_\_\_ No \_\_\_\_\_

Sounding sensor or method used \_\_\_\_\_

Sounding(s) corrected for draft: Yes \_\_\_\_\_ No \_\_\_\_\_

Details of Information Reported (continue on additional sheets as necessary): \_\_\_\_\_

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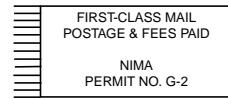
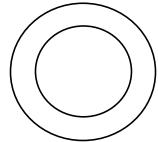
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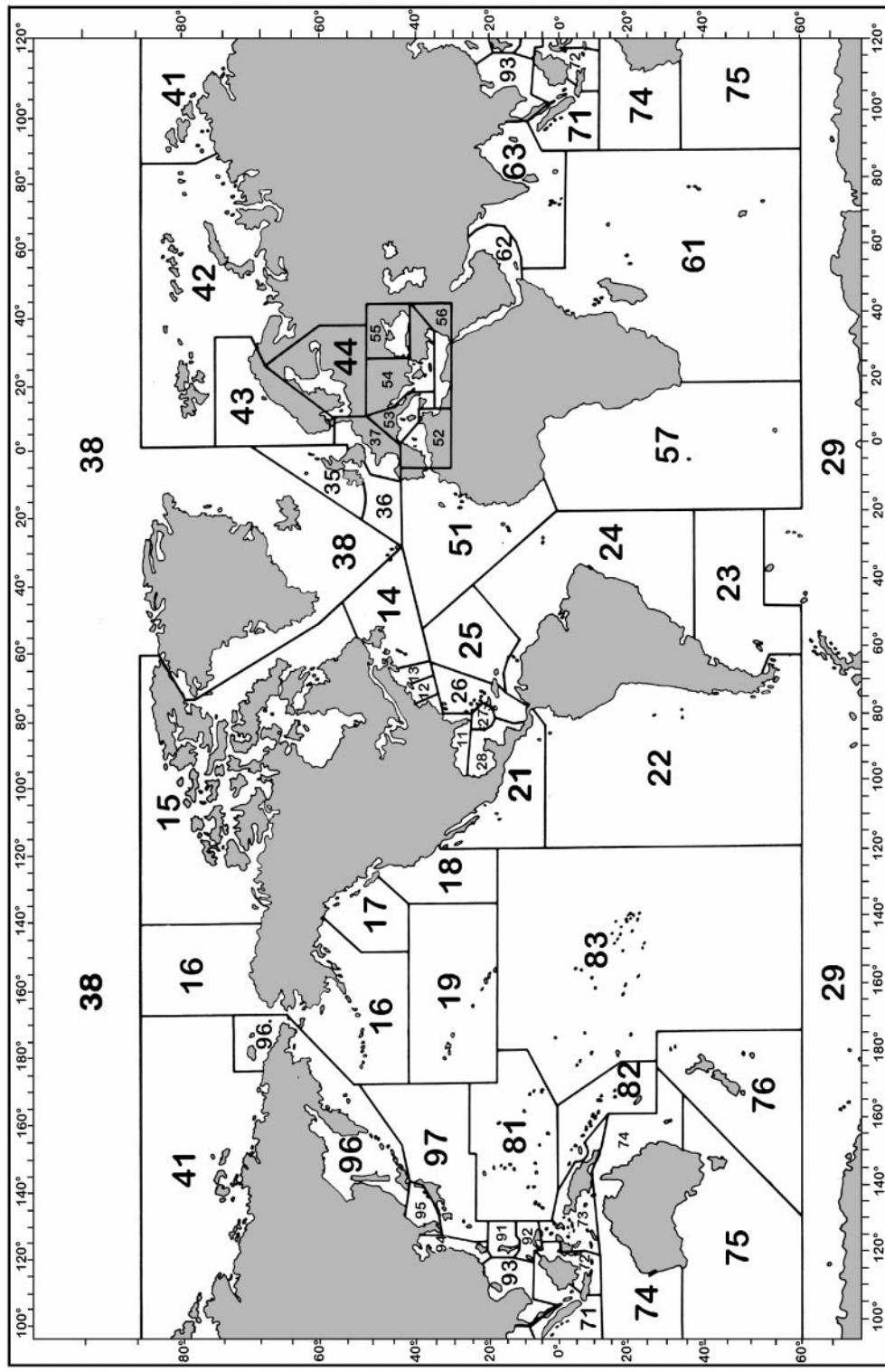
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**MARITIME SAFETY INFORMATION DIVISION  
ST D44  
NATIONAL IMAGERY AND MAPPING AGENCY  
4600 SANGAMORE ROAD  
BETHESDA MD 20816-5003**



# GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NIMA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Sub-region number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

AFTER 5 DAYS RETURN TO

DEFENSE SUPPLY CENTER RICHMOND

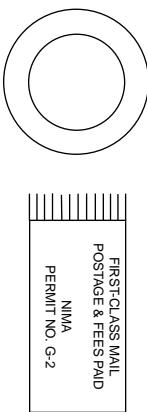
ATTN: JNAH

8000 JEFFERSON DAVIS HIGHWAY  
RICHMOND, VIRGINIA 23297-5338

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE \$500

FIRST CLASS



**IMPORTANT  
NAVIGATIONAL INFORMATION  
TIME-DATED**



**NOTICE TO  
MARINERS**

**PLEASE EXPEDITE DELIVERY**